

K Bhattacharyya

CHALDEAN MAGIC

E. B. Budge

CHALDEAN MAGIC

ITS
ORIGIN AND DEVELOPMENT

TRANSLATED FROM THE FRENCH

WITH
CONSIDERABLE ADDITIONS BY THE AUTHOR
AND NOTES BY THE EDITOR

BY
FRANÇOIS LENORMANT



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[Illustration of a small figure]

H Bhattacharyya

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M SAMUEL BIRCH, LL D , F S A , ETC ,

EN TEMOIGNAGE

D'UNE VIEILLE ET RESPECTUEUSE

AFFECTION



CONTENTS

	PAGE
AUTHOR'S PREFACE	vii
EDITOR'S PREFACE	ix
CHAP I —The Magic and Sorcery of the Chaldeans	1
CHAP II —The Chaldean Demonology	3
CHAP III —Chaldean Amulets and their Uses	39
CHAP IV —Chaldean Sorcery and its Dual Nature	58
CHAP V —Comparison of the Egyptian with the Chaldean Magic	70
CHAP VI —Contrasts between Egyptian and Chaldean Magical Systems	78
CHAP VII —The Magic of the Ritual of the Dead	89
CHAP VIII —Contrasts between Accadian and Egyptian Magic	107
CHAP IX —The Chaldaeo Babylonian religion and its doctrines	111
CHAP X —Development of the Chaldean Mythology	117
CHAP XI —The religious System of the Accadian Magic Books	136
CHAP XII —The Origin of the Myth of the Zi	143
CHAP XIII —The Mythology of the Underworld	177
CHAP XIV —The Religions and the Magic of the Puranian Nations	180
CHAP XV —The Early Median Mythology compared with that of the Chaldeans	216

	PAGE
CHAP XVI —Finno-Tatarian Magical Mythology	241
CHAP XVII —Further Analysis of Finnish Demonology	257
CHAP XVIII —The Accadian People and their Language	263
CHAP XIX —The Accadian Language	268
CHAP XX —Differentiation of the Accadian and its allied Languages	283
CHAP XXI —Altaic affinities of the Accadian Language	292
CHAP XXII —Accadian and Altaic affinities	299
CHAP XXIII —Phonology of the Accadian Language	309
CHAP XXIV —The origin of the Kushite Semitic religion	318
CHAP XXV —The two Ethnic elements in the Babylonian nation	331
CHAP XXVI —The Origin of the Chaldeo-Babylonian Cosmogonies	336
CHAP XXVII —The Priority of the Accadian Population of Chaldea	350
CHAP XXVIII —The Sumrian Influence in Chaldean and Babylonian Civilization	356
CHAP XXIX —The Influence of the Kushite Mythology in Chaldean Faith	367
CHAP XXX —The Turanians in Chaldea and Ancient Asia	371
CHAP XXXI —The Archaic Legislation of the Accadians	378
APPENDIX —Sumir and Accad	387
INDEX	



H. B. Nicholas



THE AUTHORS PREFACE

THIS book came out in France three years ago. Since that time science has been making rapid strides, and in prosecuting my studies I have found a confirmation of many of my opinions. I could not therefore allow a translation of my studies relating to "Chaldean Magic" to appear without making a new edition of it, subject to various corrections and additions. To this end I have carefully revised all the translations of Cuneiform texts contained in this volume, and in some cases slight modifications have been necessary to bring them into harmony with the latest discoveries. I have added a translation of several interesting fragments which were not comprised in the French

edition, and entirely rewritten some of the chapters. The book which I now offer the English public may, therefore, be regarded as an almost entirely new work, which alone represents the present state of my opinions and studies.



H. Bluntcherjee



EDITORS PREFACE

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“**LA MAGIE CHEZ LES CHALDEENS,**” of which this present volume is an enlarged edition, was issued by M. Lenormant in the autumn of 1874, it was preceded by *Les Premières Civilisations*, and closely followed in 1875 by *La Divination et la Science des Presages*, all these works possessing the same characteristic feature—the exposition of Assyrian thought, as evidenced by the language of the Cuneiform inscriptions themselves, compared with the traditions and usages of other contemporary and descended races, both Semitic and Turanian.

The interest excited in the philosophical world by these treatises was still further increased, by the publication in England, almost immediately afterwards, of the late George Smith's *Chaldean Genesis*,

in which for the first time since the era of Assurbanipal, the myths of the ancient Accadians were read in the light of day. By the additional texts thus recovered for the use of students, the premises of M. Lenormant were to a great extent confirmed, and the interest of Biblical scholars in Assyrian mythology showing every sign of increasing, it was deemed advisable to present the general public with an English edition of *La Magie*. This task was at once undertaken by Messrs. Bagster and Sons, and on the MSS. being sent to the author, he in the most generous manner offered to recast the earlier Chapters of the work, and to rewrite some of the latter. While this was being done, the researches of Prof. Sayce and other Assyriologists elucidated new facts, and discovered fresh parallels between the Accadian and Ugro-Finnic theologies. These discoveries had all to be considered and incorporated with the original text of M. Lenormant, and the result was, in the end, an almost entire remodelling of the French edition. To the editor was assigned, with the consent of the author, the office of adding references from English authorities to the citations already given from Continental writers, especially as

La Magie was, in its new form, designed for a larger circulation than that of scholars alone. The various texts issued in the *Records of the Past*, and the *Transactions of the Society of Biblical Archaeology*, had to be cited wherever it was possible to do so, and further, such various readings noted as had been adopted by English translators. These numerous emendations, while they increased the value of the work, delayed its progress through the press far longer than was anticipated, and even now, at the last moment, it has been judged expedient by M. Lenormant to add an Appendix bearing upon the ethnographical meaning of the term "Sumirian," in reply to a pamphlet by Dr. Oppert, which has become the centre of a controversy, the waves of which have begun to reach our shores.

These circumstances will account for one or two apparent discrepancies in the present translation viz., the use of the syllable "dug" for "khi," in the ideograms composing the name of the god Marduk, from p. 19 to p. 64, and its subsequent abandonment by the author in favour of the older reading in p. 108, *et seq.* The expansion of the note from Berossus on p. 157, regarding the deity Oannes into

an Appendix to Chapter XIII, at p 201, is another example of the progressive revision which this translation has undergone

These revisions and corrections, both of the original work and the present translation, as passed by M Lenormant, are only such as from the nature of the theme, and the advancing condition of Assyrian philology might be expected Of Assyriology it may truly be written, "day unto day uttereth knowledge" There is probably no section of the science of comparative mythology of which, till recently, less has been known, or of which, at present, more authentic materials remain, than the subject of "Chaldean Magic its Origin and Development"

W R C

VENTNOR,

November, 1877



H. Schuchert

ERRATA

Page 83 line 2 of note *For Osiris Baris read Osiris Baris*

Page 103 line 14 *For Schu read Shu*

Page 133 line 6 *For Chaldaic Babylonian read Chaldaio-Babylonian*

Page 134 line 24

Page 172 line 20 *For Silik mulu-dug read Silik mulu khi*

Page 244 line 2 of note *For Asyekoks read Angekoks*



CHAPTER I

The Magic and Sorcery of the Chaldeans

M GENERAL, but tolerably complete idea of the magic conjuration of the Chaldeans, its processes and its principal applications, may be obtained from a document which Sir Henry Rawlinson and Mr Edwin Norris published "in facsimile" in 1866, in the second volume of their collection of the *Cuneiform Inscriptions of Western Asia*. This document is a large tablet from the library of the royal palace at Nineveh, containing a succession of 28 formulæ of deprecatory incantations, unfortunately partly destroyed, against the action of evil spirits, the effects of sorcery, disease, and the principal misfortunes which may attack man in the course of his daily life. The whole forms a litany of some length, divided into paragraphs, which all finish with the same solemn invocation. It would seem, judging from the concluding paragraph, that the intention was not to use the detached formulæ of this litany on special occasions, but to recite the whole as a protection

from all the fatal influences against which it provides. This tablet, however, like all the other works on magic from Assyria and Chaldea, is written in Accadian, that is, in the Turanian language, which was related to the Finnish and Taitanic dialects spoken by the primitive population of the marshy plains round the lower Euphrates. An Assyrian translation accompanies the ancient Accadian text, and is placed opposite to it. Centuries ago, when Assurbanipal, king of Assyria, of the VIIth century before our era, had the copy made which has been handed down to us, this kind of document could be understood only by aid of the Assyrian version, which may be traced to a much earlier date. The Accadian was already a dead language, but the Assyrians attributed so much the more mysterious power to the incantations expressed in this language, because the script had become unintelligible.

In order to place the reader at once in the midst of the strange world into which I ask him to follow me, I shall now reproduce in its entirety the formulæ of this tablet, those at least which it is possible to interpret, for there are still some phrases which defy explanation, and I shall accompany my translation with short notes. I have been preceded in this undertaking by M. Oppert, with whom in most cases I agree perfectly. Should anyone, however, wish to compare our two translations, he will find some differences, which almost all result from the fact, that the learned Professor of the College of France has translated from the Assyrian version, while I

have preferred to adhere to the original Accadian text. The Assyrian version is by no means always a literal one, and of this the reader may judge for himself, as I have annotated all the passages in which it differs from the earlier original. The Accadian text appears to be divided into rhythmical verses, each of which forms a separate line upon the tablet, I have marked these divisions carefully.

INCANTATION

- 1 The wicked god the wicked demon
the demon of the desert the demon of the mountain
the demon of the sea the demon of the marsh
the evil genius the enormous *uruku*³
the bad wind by itself
the wicked demon which seizes the body(?) which
disturbs the body
Spirit of the heavens conjure it! Spirit of the earth
conjure it!
- 2 The demon who seizes man the demon who seizes man
the *Gigim*⁴ who works evil the production of a wicked
demon
Spirit of the heavens conjure it! Spirit of the earth
conjure it!
- 3 ⁵ The consecrated prostitute with the rebellious heart who
abandons the place of prostitution

¹ Another example of this tablet has been published by Mr Say in *Records of the Past* Vol. I p. 130 (second edition).

² No cherub Sayce.

³ I have presently chosen more closely these names of the various Chaldean demon.

⁴ The Assyrian reads the demon who takes possession of a man. This is analogous to the Egyptian deity of the interpretation of the evil by a evil spirit, Sanaat leby M Ch basin l B Lett A ché l gqi Jun 1855 p. 44—Fl.

⁵ Spirit of the neck Sayce.

⁶ This passage has been translated by Mr Sayce.

the prostitute of the god Anna,¹ who does not do his
 service,
 to the evening of the beginning of the incomplete month
 the sacred slave² who fails to go to his place,
 who does not lacerate his chest,³
 who does not his hand,
 making his chest resound, completing '
 Spirit of the heavens, conjure it! Spirit of the earth
 conjure it!

- 4 That which does not go away, that which is not
 propitious,
 that which grows up,⁵ ulcers of a bad kind,
 poignant ulcers, enlarged ulcers, excoriated ulcers,
 ulcers ,⁶
 ulcers which spread, malignant ulcers,
 Spirit of the heavens, conjure it! Spirit of the earth,
 conjure it!
- 5 Disease of the bowels, the disease of the heart, the pal-
 pitation of the diseased heart,
 disease of the vision, disease of the head, malignant
 dysentery,
 the tumour which swells,
 ulceration of the reins, the micturition which wastes,⁷
 cruel agony which never ceases,
 nightmare,

¹ This is the Accadian name of the god who is called in Assyrian Anu

² That is, "the slave of the temple"

³ Compare 1 Kings xviii 28

⁴ Many explanations have already been given of the monstrous aberration of the spirit of heathen devotion, which had produced in the religions of ancient Asia the infamous rites of *gedeschum* and *gedeschoth*, I shall not dwell therefore on this repugnant subject, but refer the reader to what has already been said. I only wish to remark that our magical formula will henceforth be one of the most important texts on the subject

⁵ "Spreading quinsy of the gullet" Sayce

⁶ The Assyrian version does not repeat here each time "the ulcer"

⁷ Query, an unclean disease, Lev xv 1, etc.—Ed

Spirit of the heavens conjure it! Spirit of the earth
conjure it!

- 6 He who forges images he who bewitches
the malevolent aspect the evil eye
the malevolent mouth the malevolent tongue
the malevolent lip the finest sorcery
Spirit of the heavens conjure it! Spirit of the earth
conjure it!

- 7 The nurse
The nurse whose breast¹ withers
the nurse whose breast is bitter
the nurse whose breast becomes ulcerated
the nurse who dies of the ulceration of her breast
the woman with child who does not preserve her offspring
the woman with child whose embryo splits
the woman with child whose embryo grows rotten
the woman with child whose embryo does not prosper
Spirit of the heavens conjure it! Spirit of the earth
conjure it!

- 8 Painful fever violent fever
the fever which never leaves man
unremitting fever
the lingering fever malignant fever
Spirit of the heavens conjure it! Spirit of the earth
conjure it!

- 9 Painful plague violent plague
plague which never leaves man
unremitting plague
the lingering plague malignant plague

Her w^h has e the first e^h enc to a c st m^h ell k own n th Middle Ages
A wa en fou^h i as m de and as t m lted b fore the fire th person represented by
it was supposed mila ly to waste way It ll be ememb ed that Hora (*Sat*
1830, t seq) sp ks of th wa e fig i e made by the v tch Canid n o der that
the l v m^h ht consume way i th fire f lov Roman and Medieval sorcery
had t ong n that of ancient Accad—Ed

¹Unt an l ted by Sayce

²Th o ds h^h breast m thi and the follow^h ver es, a e a ve y happy
e planato y add t on t the Assyrian ers on

Spirit of the heavens conjure it' Spirit of the earth
conjure it'

- 10 'Painful disease of the bowels
the infirmity which makes gloomy and eats
the never-cursing infirmity the infirmity of the years,
the infirmity which does not go away the malignant
infirmity

Spirit of the heavens conjure it' Spirit of the earth
conjure it'

- 11 That which acts in the mouth the poison noxious to the
voice,
the expectoration of the consumption which noxiously
prostrates,¹
scrofula, pustules falling off of the nails
purulent eruption in moderate tetter
shingles causing pits in scars,²
leprosy covering the skin
food which reduces the body of man to a skeleton
food which eaten is returned again
liquors which make the drinker swell
fatal poison which does not the earth,
the pestilential wind which comes from the desert and
returns not,
Spirit of the heavens conjure it' Spirit of the earth
conjure it'

- 12 The frost which makes the earth to shiver
the excess of heat which makes the skin of man to crack
evil destiny

¹ Untranslatable by Syrett.

² In the Assyrian version the colic disease is translated from the original
magical text the skin is itched and cracks in sores — ".

³ In the Assyrian version the malignant disease is translated from the original
malignantly excruciating.

⁴ Literally the name of the mother disease by the large in the case of the
stages of the disease.

⁵ This quotation is taken from the Assyrian version. Here it is called Spirit
Eleventh Tablet of the Babylonian Series. The Assyrian version is Vol. III part 1, p. 57,
and Vol. IV, part 1, p. 60, line 10. It is a very strange translation.

which unexpectedly cuts off a man's career
 parching thirst which aids the Spirit of the plague
 Spirit of the heavens conjure it! Spirit of the earth
 conjure it!

The XIIIth formula is too much effaced for me to attempt to translate it, but, judging from what remains, it was destined to avert the action of a demon dwelling in the desert

The XIVth is in the same condition, its object was to ward off a misfortune which might attack a man at any time, eating, drinking, sleeping, or standing at his own fireside, possibly sudden death. Only the Accadian text remains of the four following formulæ, the Assyrian Version is destroyed

- 15 He who in the gaol dies of hunger
 he who in the gaol dies of thirst
 he who being hungry in a pit (?)
 beseeching (is therefore reduced to eat) dust
 he who in the earth or in the river
 perishes and dies
 the female slave who possesses no master
 the free woman who has no husband
 he who leaves an infamous memory of his name
 he who leaves no memory of his name
 he who in his hunger cannot recover
 he who falls ill and cries at the beginning of an incomplete
 month
 Spirit of the heavens conjure it! Spirit of the earth
 conjure it!
- 16 The protecting god of man
 who (guarantees) the prolongation of man's life
 may he fortify him to the sight of the Sun!

Or an unlucky month. See a list of the e in Sayce's *Astronomy of the Babylonians*, *Tan Soc Bib Arch* Vol III pt 1 pp 158 159—Ed
 Compare Eccles xi 7 a pleasant thing for the eye to behold the sun —F t

The genius, the favourable giant,
 may he penetrate into his head
 for the prolongation of his life!¹
 He will never depart from him!¹

Spirit of the heavens, conjure it! Spirit of the earth,
 conjure it!

The XVIIth formula presents difficulties which cannot be explained in the present state of our acquaintance with the Accadian language; we can only discern that it was the prescription of a protective and conjuring rite.

- 18 Two double bands of white cloth¹
 upon the bed on the platform²
 as a talisman if he binds on the (right) hand,
 two double bands of black cloth
 if he binds on the left hand,³
 the bad demon, the wicked *Alal*, the wicked *Gigim*,⁴
 the bad *Telal*, the wicked god, the wicked *Maskim*,
 the phantom, the spectre, the vampyre,
 incubus, succubus, nightmare,
 wicked sorcery, the philter, liquid poison,
 that which gives pain, that which hurts, that which is evil,
 their head upon his head,
 their foot upon his foot,
 they never seize him, they will never return⁵
 Spirit of the heavens, conjure it! Spirit of the earth,
 conjure it!⁶

A great gap occurs here, occasioned by a fracture

¹ Untranslated by Sayce

² See in the plates of M. Place's great work (*Ninive et l'Assyrie*) the position of the platform of the bed in the bedrooms of the harem of the palace of Khorsabad

³ We must follow the inversions of the text in order to preserve the division of the verses

⁴ See note 3 page 3

⁵ Rather "they shall never seize him, they shall never return"

⁶ See a partial rendering of this passage by Mr Fox Talbot in *Records of the Past*, Vol III p 140—Ed

of the tablet, in which at least two formulæ, and the beginning of a third, have disappeared I discovered in the British Museum a small fragment, which is not in the published text, and which, finding here its proper place, shews the end of the XIXth formula

May the wicked demon depart !
 May they seize one another !
 The propitious demon the propitious giant
 may they penetrate into his body !
 Spirit of the heavens conjure it ! Spirit of the earth
 conjure it !

The first line of the XXth formula, which is found upon the same fragment, shows that its object was to cure some disease of the bowels

The remainder of the XXIst contains an enumeration of all the parts of the house from which the magical words were to exclude demons All this portion is extremely obscure, and its translation is rendered almost impossible by the multiplicity of the architectural terms employed, to which we have no key, particularly as the Assyrian version is here wanting

- 22 The phantom child of heaven
 which the gods remember
 the *Innu*³ prince
 of the lords
 the
 which produces painful fever
 the vampyre which attacks man

Lacuna.

³ Of these magical tablets there were at least 30000 in the royal library of Asurbanipal Smith's *Assyria* p 20.—Ed

A species of Lemur A kind of hobgoblin

the *Uruk* multifold
 upon humanity,
 may they never seize him !
 Spirit of the heavens, conjure !
 Spirit of the earth, conjure !

The tablet, in its present state, gives only the beginnings of the lines of the XXIIIrd and XXIVth incantations in the Accadian version, it is therefore impossible to try and translate them. All that can be discovered is, that in the first the god *Silik-mulu-khi*¹ is invoked, to whom texts of the same kind generally attribute the rôle of a mediator, and who is compared further on to the Marduk of the official religion of the Assyrian period; the second is addressed to the god of fire, *Izdubar*, which we shall describe later with more precision.²

The XXVth formula only exists in the Accadian, and that only as far as the first fourteen lines. These show, however, that it begins with an invocation to the water god, *Nin-a-zu*, it then treats of diverse maladies, and ends thus

The sea,
 the sea,
 the desert without water,
 the waters of the Tigris, the waters of the Euphrates,
 the mountain of the west, the mountain of the east,
 the agitated mountain,³
 may they close their chasms,
 Spirit of the heavens, conjure !

¹ See *Nimrod et les Ecritures Cuneiformes*, par Joseph Grivel, in *Trans Soc Bib Arch*, III p 137, where *Silikmulukhi* is identified with the god *Amarud* or *Marduk* — *Ed*

² The mythical hero *Izdubar*, whose name is said to mean, "Mass of fire" *Rawlinson On the Deluge Tablet*, in a letter to the *Athenaeum*, 1873 — *Ed*

³ Perhaps a volcano, those near the river *Chaboras* were always active

- Spirit of the earth conjure!
- 26 Nin ki gal spouse of the god Nin a zu,
may she cause him to turn his face toward the place
where she is!
- May the wicked demons depart!
- May they seize one another!
- The favourable demon the favourable giant
may they penetrate into his body!
- Spirit of the heavens conjure!
- Spirit of the earth conjure!
- 27 The god Ztak the great messenger the supreme
ensnarer
amongst the gods like the god of the heights!
- May he penetrate his head
for the prolongation of his life!
- He will never depart from him!
- Spirit of the heavens conjure!
- Spirit of the earth conjure!
- 28 The man passing (on the earth) who makes sacrifices
may pardon and peace flow for him like molten brass!
- May the sun enlighten the days of this man!
- Silik mulu klu' eldest son of the ocean
strengthen in him peace and happiness!
- Spirit of the heavens conjure!
- Spirit of the earth conjure!

But the rich and varied information contained in

Nin ki gal called in the Assyrian All that was the sister of Ishtar and the wife of
the Assyrian Pluto she was called the lady of the great region i.e. Hades See
Talbot The descent of Ishtar to Hades *Rosds fth Past* Vol I p 141—*Fd*

The Assyrian version has the goddess

1 Into the body of the person whose behalf the incantation is made

The goddess who presides specially over Tigris she keeps her Akkad name
nam until the Assyrian poet Hefai called Ninkhal

In the Assyrian version the goddess is begotten in him

2 The Assyrian version has only this

The Assyrian version places this amulet of Marduk

3 Hide this in the god of the ocean

this text, which has now been placed for many years at the disposal of scholars, is extended and confirmed in the most happy manner by some new documents, which are soon to be presented to the public. Amongst the many thousand fragments of clay tablets discovered by M. Layard in the hall of the library in the palace of Kouyunjik on the site of Nineveh itself, and which are preserved at present in the British Museum, are the fragments of a vast work on magic, which, in its perfect state, formed a series of not less than two hundred tablets, and which was for Chaldea what the Atharva-Veda was for ancient India. This was such a collection of the formulæ, incantations, and hymns of the Chaldean magi as the classical writers speak of, and of whom Diodorus Siculus says "They try to avert evil and procure good, either by purifications, sacrifices, or enchantments."¹ The fragments of this work have been patiently collected from the chaos of rubbish of all kinds in which they were buried, and they have been prepared for publication as the IVth volume of *The Cuneiform Inscriptions of Western Asia*, by Sir Henry Rawlinson. This eminent Orientalist from the other side of the Channel has laboured more than any one else to decipher the Cuneiform Ananian text, in which work he has been assisted by his young colleague Mr. George Smith, who has since taken for himself a prominent place in science. To give an idea of the material extent of the fragments under consideration, suffice it to say, that they are more than fifty in number, and contain many perfect tablets covered with from three to

¹ Lib. ii. Cap. 29

four hundred lines of writing, and that they fill almost the whole of thirty folio copper plates. With a scientific generosity seldom seen, of which I cannot better show my appreciation than by proclaiming it, Sir Henry Rawlinson kindly sent me the proofs of the facsimile plates of this publication, before they were brought out. It is one of the most precious works which has ever enriched Assyriology, and from it I have taken greater part of the data of the present treatise.

The great work on magic, many copies of which had been executed by the scribes of Assurbanipal, according to the pattern placed centuries since in the library of the famous school for priests at Erech in Chaldea, was composed of three different books. We know the title of one of the three, "The Wicked Spirits," for we find at the end of each of the tablets, which come from it and which have been preserved entire, "Tablet No. — of the Wicked Spirits." As the title shows, it was filled exclusively with formulæ of conjurations and imprecations, which were designed to repulse demons and other wicked spirits, to avert their fatal action, and to shelter the invoker from their attacks. Portions of a second book exist, and, judging from what remains of it, it would seem to be formed of a collection of these incantations, to which was attributed the power of curing various

I thought it both fitting and useful to give in a note the origin of all the quotations I have borrowed from the volume which illustrates the present publication, and which is designated by the abbreviation *H. A. I. IV.* The volume was issued to the public on the first of August, 1875.—*Ed.*

See Fox Talbot, *The War of the Seven Evil Spirits*, in *Record of the Past*, Vol. V, p. 163.—*Ed.*

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I thought it best fitting and useful to give in a note the origin of all the quotations I have borrowed from the volume which will soon appear and which is designated by the abbreviation *H. A. I. IV*. The volume was issued to the public the 1st of August 1875.—Ed.

See Fox Talbot's *The Wonders of the Seven Evil Spirits* in *Record of the Past* Vol. V p. 163.—Ed.

maladies ' Lastly, the third book contained Hymns to certain gods. A supernatural and mysterious power was attributed to the chanting of these hymns, which are, however, of a very different character from the regular liturgical prayers of the official religion, a few of which have been preserved to us. It is curious to notice that the three parts composing thus the great work on magic, of which Sir Henry Rawlinson has found the remains, correspond exactly to the three classes of Chaldean doctors, which Daniel¹ enumerates, together with the astrologers and divines (*Kasdim* and *Gazim*), that is, the *Khartumm* or conjurers, the *Chakamm* or physicians, and the *Asaphim* or theosophists. The further we advance in the knowledge of the Cuneiform texts, the greater does the necessity appear of reversing the condemnation much too prematurely pronounced by the German exegetical school against the date of the writings of the fourth of the greater prophets. The language of the Book of Daniel, interspersed as it is in various places with Greek words, proves without doubt that the definitive translation² as we possess it, is posterior to the time of Alexander. But the foundation of the work dates much further back, it is tinged with a very decided Babylonian tint, and certain features of the life at the court of Nebuchadnezzar and his successors are there pictured with a truth and exactitude, to which a writer a few centuries later could hardly have attained.

¹ A similar text has been translated by Mr Sayce in *Records of the Past*, Vol. III p. 147, and by Mr Smith in *History of Assyria*, p. 18—Ed

² Daniel ii. 2, v. 11

³ "Redaction," in the original—Ed

The formulæ, hymns, and incantations in this triple collection are in the Accadian language, but they are accompanied by an Assyrian translation, placed according to the usual interlinear method. There are, however, some rare hymns, the original of which was no doubt already lost, since such a long period had elapsed since the first collection was made, and of these an Assyrian version only is given, of which the style bears the mark of a remote antiquity, and the syntax, by certain constructions contrary to the genius of the Semitic dialects, indicates the real character of the entirely different language in which the original was drawn up, and which has been lost to us for so many centuries. The different sections are separated by a deep mark, upon the tablet, and the beginning of each is preceded by the word *en* "incantation," which indicates still more clearly the commencement of a new formula. All the hymns of the third book finish by the Accadian word *kakama*, which is translated in Assyrian by "amen" (*amanu*).

The style of the conjurations to be used against the malevolent spirits is very monotonous, as they are all cast in the same mould. They begin by enumerating the various kinds of demons whom the conjurations are to subdue by their power, and then describe the effects of the charm. The desire to see them repulsed, or to be delivered from them, follows, and this is often expressed in the

The ideograph which expresses this word is a complete character formed of the sign which represents the idea of gathering or combination and the sign. It seems therefore that the formation of this character proceeds from an ideational logou to that of the sign of the Neoplatonic theurgy.

affirmative form The formulæ finished by the mysterious invocation from which they derive their efficacy "Spirit of the heavens, conjure! Spirit of the earth, conjure!" This part alone is necessary, and is never wanting, but sometimes similar invocations of other divine spirits are joined to it

I shall as an example now quote one of these conjurations, which was intended to combat different demons, diseases, and fatal influences, such as the evil eye¹

The plague and the fever which scourge a country,
the disease which devastates a country,
bad for the flesh, fatal for the entrails,
the wicked demon, the wicked *Alal*, the wicked *Gigim*,
the malevolent man, the malevolent eye, the malevolent
mouth, the malevolent tongue

of the man, son of his god,² may they depart from his
body, may they depart from his entrails

They shall never take possession of my body,³

they shall never do any evil in my presence,

they shall never walk in my train,

they shall never enter my house,

they shall never step over my timbers,

they shall never enter into the habitation of my house

Spirit of the heavens, conjure!

Spirit of the earth, conjure!

Spirit of Mul-ge,⁴ lord of countries, conjure!

Spirit of Nin-gelal,⁵ lady of countries, conjure!

¹ *W A I*, IV col 3

² I shall explain this expression afterwards

³ This sudden change of person is a common feature of all Oriental composition to the present day, the Egyptian papyri and the chapters of the Koran abound with instances of it — *Ed*

⁴ This is the great god Bel of the Assyrians

⁵ In the Assyrian, the goddess Belit

Spirit of Nin dar powerful warrior of Mul ge, conjure!
 Spirit of Nusku sublime messenger of Mul ge, conjure!
 Spirit of En zuna eldest son of Mul ge conjure!
 Spirit of Tiskhu,³ mistress of the armies, conjure!
 Spirit of Mermer,⁴ king whose impetuosity is beneficent
 conjure!

Spirit of Udu⁵ king of justice, conjure!
 Spirits Anunna ge⁶ great gods conjure!

Here is another, in which the final enumeration is less detailed

The day of mourning the wind which brings misfortune
 the day of misfortune, the fatal wind which makes itself
 felt

the day of misfortune the fatal wind which precedes it
 the children of vengeance the sons of vengeance
 the messengers of loss

the ravagers of Nin ki gal⁷

the lightning which ravages the country

the seven gods of the vast heavens,

the seven gods of the great earth

the seven gods of the igneous spheres

the seven gods these are the seven gods⁸

the seven malevolent gods

the seven malevolent phantoms

the seven malevolent phantoms of the flames in the
 heavens seven on the earth seven

the wicked demon the wicked *Alal* the wicked *Gigim*

the wicked *Telal* the wicked god the wicked *Maskim*

In the Assyrian Adar the Hercules of the religion of the borders of the Euphrates and Tigris and the god of the planet Saturn

¹ In the Assyrian Sin the god of the Moon

² In the Assyrian Ishtar the goddess of the planet Venus

In the Assyrian Bino Rama u (the biblical Remmon) the god of the luminous atmosphere and of the atmospheric phenomena

³ In the Assyrian Samas, god of the Sun Compare the Assyrian title of the Sun god Damsu, 'judge of men' Whence probably the title of the Indian Brahma Deva-s Fox Talbot—Ed

In the Assyrian Anata the spirits of the earth

⁷ The epithet 'sacred' is a goddess This is an allusion to earthly things

⁸ The Assyrian 'seven gods' the seven gods of the celestial legions

Spirit of the heavens, conjure !

Spirit of the earth, conjure !

Spirit of Mul-ge, king of the countries, conjure !

Spirit of Nin-gelal, lady of the countries, conjure !

Spirit of Nin-dar, son of the zenith, conjure !

Spirit of Tiskhu, lady of the countries, which shines in the night, conjure !¹

But more generally there is no mythological enumeration at the end. As a type of the most simple formulæ I shall quote a conjuration against the seven subterraneous demons, called *Maskim*, which were considered to be amongst the most formidable of the spirits.²

They are seven ! they are seven !

in the depths of the ocean, they are seven !³

in the brilliancy of the heavens, they are seven !⁴

They proceed from the ocean depths, from the hidden retreat

They are neither male nor female,

those which stretch themselves out like chains .

They have no spouse, they do not produce children,

they are strangers to benevolence,

they listen neither to prayers nor wishes

Vermin come forth from the mountain,

enemies of the god Hea,

they are the agents of the vengeance of the gods,

raising up difficulties, obtaining power by violence

The enemies ! the enemies !

they are seven ! they are seven ! they are twice seven !⁵

Spirit of the heavens, may they be conjured !

Spirit of the earth, may they be conjured !⁶

¹ *W A I*, IV 1

² *W A I*, IV 2

³ There is a beautiful mythological account of a rebellion by these same seven evil spirits against the greater deities, translated by Fox Talbot in *Records of the Past*, Vol V, p 161. A new translation of this valuable mythological document, by the author of this book, will be given in the Appendix—Ed

⁴ "In the heights of heaven" Fox Talbot

⁵ "They are seven, they are seven ! twice over they are seven" Fox Talbot

⁶ See another version by Fox Talbot in *Records of the Past*, Vol III, p 143

We see that the Chaldean exorcist did not spare the use of invective against the demons he wished to repulse. The poetical imagination of the authors of the Accadian conjurations indulged itself in these accumulations of withering epithets, in descriptions of the sinister effects produced by the spirits of evil and of darkness, and further by an assemblage of images of a varied character, possessing often great brilliancy and remarkable power.

Sometimes also the formula of exorcism is extended, and partakes of a dramatic character. After having described the ravages made by the demons, it supposes that the complaint has been heard by the benevolent god *Silik mulu dug*, who watches over man, and acts as a mediator between him and the superior gods. But his power and science are not sufficient to conquer the more powerful spirits whose action must be averted. *Silik mulu dug* then addresses himself to his father *Hea*,³ the divine intelligence which penetrates the universe, the master of the eternal secrets, the god who presides over theurgical action, he it is who reveals to his son the mysterious rite, the formula, or the all powerful hidden name, which shall thwart the efforts of the most formidable powers of the abyss.

The incantations against diseases describe a great variety of cases, as may easily be seen from the long litany which we translated at the beginning of this chapter. But the most numerous are those which

² While passing through the press M. Lenormant has found reason to prefer the reading *d* for that of the last syllable of the name of the god who has hitherto been denoted by *Silik mulu dug*. —Ed.

³ See another version by Fox Talbot in *Records of the Past*, Vol. III, p. 143.

⁴ The Assyrians afterwards identified him with the Mars, the god of the planet Jupiter but they were quite different in the origin. —Ed.

aim at the cure of the plague, fever, and "disease of the head;" this latter, judging from the indications which are given of its symptoms and its effects, appears to have been a sort of erysipelas, or cutaneous disease. It would be interesting if a traveller who was also a physician could discover whether there is now an affection of this kind which is peculiar to the marshes of the Lower Euphrates, as the elephantiasis is to Damietta. These are the principal passages of a long incantation against "the disease of the head" the tablet on which we find it bears six other long formulæ against the same evil¹

The disease of the head exists on man,
The disease of the head, the ulceration of the forehead
exists on man

The disease of the head marks like a tiara,
the disease of the head from sunrise to sunset
In the sea and the vast earth
a very small tiara is become the tiara,
the very large tiara, his tiara²

The diseases of the head pierce like a bull,
the diseases of the head shoot like the palpitation of the heart

5

The diseases of the head, like doves to their dove-cotes,
like grasshoppers into the sky,
like birds into space may they fly away

May the invalid be replaced in the protecting hands of
his god³

This specimen will give the reader an idea of the uniform composition of these incantations against

¹ *W A I*, IV 3, 4

² Or, as we should call it, a crown or ring, a common result of scurf diseases — *Ed*

³ Meaning, "his power over the earth and the waters is diminished"

⁴ Throbbing of the temples, produced by the distention of the bloodvessels of the head, and indicating a tendency to internal cephalic disease, contrary to the preceding malady — *Ed*

⁵ Lacuna

diseases, which filled the second book of the work under consideration. They all follow the same plan throughout, beginning with the definition of the disease and its symptoms, which occupies the greater part of the formula, and ending with a desire for deliverance from it, and the order for it to depart. Sometimes, however, the incantation of the magician assumes a dramatic form at the end, as we have just pointed out in certain conjurations against the evil spirits. An example is that dialogue in which the god Hea points out the remedy to his son, who has consulted him about it.

I have found another very remarkable illustration of this characteristic in a long formula, which required a whole tablet to itself. The beginning is unfortunately very much effaced, and the gaps, which occur continually, prevent my giving a connected translation of this part. The text begins thus

The disease of the forehead proceeds from the infernal regions
it is come from the dwelling of the lord of the abyss

In what remains of the verses which described in the most precise manner the effects of this malady, it treats of "the tumour which swells," of "the suppuration which begins," of the violence of the pain which "makes the sides of the head crack like those of an old ship." The text then relates that the invalid has tried the effect of purifying rites, which have not succeeded in subduing the scourge of the infernal regions. "He has purified himself, and has not conquered the bull, he has purified himself, and has not brought the buffalo under the

yoke, the pain continues to gnaw him like swarms of crickets" Here therefore the gods intervene, and from that point the narrative is consecutive

Silik-mulu-dug has helped him,
he has gone to his father Hea into his dwelling, and has called him

"My father, the disease of the head is gone forth from the infernal regions"

Twice he speaks to him thus

"Prepare the remedy, this man is not acquainted with it,
he submits to the remedy"

Hea has replied to his son Silik-mulu-dug

"My son, thou dost not know the remedy, let me teach it to thee

Silik-mulu-dug, thou art not acquainted with the remedy,
allow me to teach thee the remedy

What I know, thou knowest

Come my son, Silik-mulu-dug

Take a sieve,

draw some water from the surface of the river.

Place thy sublime lip upon this water,

make it shine with purity from thy sublime breath

Help the man, son of his god,

cover his head

Let the disease of his head depart

May the disease of his head be dissipated like a nocturnal dew"

May he be cured by the command of Hea¹

May Davkina² cure him¹

May Silik-mulu-dug, the eldest son of the ocean, form the relieving image¹

It is evident that in uttering these words, the magician is understood to do the things prescribed by the god

¹ Lacuna

² Wife of Hea



CHAPTER II

The Chaldean Demonology

THE documents of which I have just spoken, and to which we must add the numerous talismanic inscriptions to be found in our museums, engraved upon all kinds of Babylonian and Assyrian objects, show that there existed amongst the Chaldeans a demonology as refined and rich as the imagination of Jacques Sprenger, Jean Bodin, Wierus, or Pierre de Lancre¹ ever pictured. There is a complete world of malevolent spirits, the distinguishing characteristics of which are strongly marked, and their attributes determined with precision, while the hierarchy to which they belong is classed in a most learned manner. At the top of the scale are placed two classes of beings, which partake more nearly than the others of the divine nature, and are genii or demi gods, a sort of inferior deities. The first bear the

¹ A French lawyer a native of Angers who died A.D. 1596. His chief work *La Demonologie et des Sorciers* has been often reprinted and is a curious collection of illustrations of witchcraft and demonology.—Ed

A German demonologist surnamed Psemanius. He wrote a great book on witchcraft entitled *De Pesti: Demonum*. He died A.D. 1588.—Ed

A French writer on demonology who caused many persons to be brought to death for sorcery in the XVIIth century. He died A.D. 1630. His chief works *Le Livre des Pyres*.—Ed

Accadian name of *Mas* "soldier, warrior," which is substituted in the Assyrian by *Sed* "genius;" the second, the Accadian name of *Lamma* "giant," translated in Assyrian by *Lamas*. In the religious texts these names often designate propitious and protecting genii, under whose shelter people placed themselves,¹ but at other times, wicked and hurtful genii, whose power had to be charmed away. Whether the Chaldeans believed that there were opposing parties of good and bad *Mas* or *Alap*, of good and bad *Lamma*, or whether they supposed them to possess, like certain gods, a double character, and to show themselves according to circumstances, now beneficent, now malevolent, sometimes protectors, and sometimes adversaries, is a question which must be left undecided until new researches have thrown more light on the subject.

We are better acquainted with all that relates to the spirits of an inferior and decidedly malevolent order, the demons properly so called. Their generic name is *Utug*, which has passed from the Turanian Accadian into the Semitic Assyrian. This term comprises all demons, and may also sometimes be well employed as a general appellation for all spirits of an inferior rank to those of which we have just spoken. The name *Utug*, however, further takes the more limited and special signification of a particular kind of demons. The other species are the *Alal* or destroyer, called in the Assyrian *Alu*, the *Gigim*, in the Assyrian *Ekim*, the meaning of which is not known, the *Telal* or

¹ The winged bull which guards the gates of the Assyrian palaces is a beneficent genius or *Sed*, hence this class of spirits receives also the name of *Alap* "bull," a term adopted even in the Accadian. The winged lion or *Ningallu*, which sometimes takes the place of the bull in the same position, belongs also to the category of the "*Lamas*."

"warrior," in the Assyrian *Gallu*, and lastly the *Maskim* or "lyer of ambushes," in the Assyrian *Rabits*. As a general rule each class is divided into groups of seven, that most important magical and mysterious number.

We have at present no light on the respective hierarchical rank of the five classes of demons which have just been enumerated, the only faint ray upon this subject comes from the following fact, that speculations upon the value of numbers held a very important place in the Chaldaic ideas of religious philosophy. In consequence of these speculations, each god was designated by a whole number of the series between one and sixty, corresponding to his rank in the celestial hierarchy. One of the tablets in the library of Nineveh gives the list of the principal gods, each with his mystic number. Now it seems that in connection with this scale of whole numbers applied to the gods, there was a scale of fractional numbers applied to the demons, and corresponding in the same way to their reciprocal ranks.

The *Utug*, the *Gigim*, and the *Maskim*, were all three designated in writing by a complex group of ideographic signs, in which only the alteration of the first element effects a distinction, the others remaining the same, this variable element is always one of those signs which serve to note one of the most important divisions of unity in the sexagesimal

There is an excellent tablet of these roots in *H. A. I. N.*, Pl. 40. See also a special treatise on the mathematical values of the Chaldaic signs in the *Journal Asiatique*, 1874, p. 101. *LeSutrin*, *Manuscrits de la Bibliothèque de Paris*, t. 6, —Ed.

system of numerations of fractions, one of the essential bases of Chaldean arithmetic. For the *Utug* it is $\frac{1}{2}$ or $\frac{2}{4}$, for the *Gigim* or $\frac{1}{3}$, and lastly, for the *Maskim* $\frac{1}{6}$ or $\frac{2}{12}$.¹ I state this fact without undertaking to explain the odd speculations which gave birth to it, and I shall only remark that the hierarchical classification corresponding to the indication of these fractional numbers, placed each order of demons in a rank so much the more elevated, according as its numbers had a greater numerator. Of the three classes whose figures are known to us, the *Maskim* belonged to the highest, and the *Utug* to the lowest.

The demons of the Babylonians were of two kinds. The most powerful and formidable were those which had a cosmical character, whose action was exercised upon the general order of nature, and whose wickedness had power to trouble it. In one of the formulæ which we quoted earlier, we saw that seven bad spirits were placed in the heavens "seven phantoms of flame," seven demons "of the ignited spheres," forming an exact counterpart to the seven gods of the planets who were invested with the government of the universe.² Unfortunately the

¹ May not the mystical use of certain numbers by the writers of the Jewish Cabala have had their origin from these Babylonian theories?—*Ed*

It may be of interest to some readers to add the names of the angels, spirits, and intelligences of the planets. According to the Cabbala, they are as follows:—

<i>Planet</i>	<i>Angel</i>	<i>Intelligence</i>	<i>Spirit</i>
Sun	Raphael	Nagiel	Smehel
Venus	Haniel	Hagiel	Noguel
Mercury	Michael	Tiriel	Cochabiel
Moon	Gabriel	Elumiel	Lemrael
Saturn	Zaphiel	Agiel	Sabathiel
Jupiter	Zadkiel	Sophiel	Zadkiel
Mars	Chamael	Graphael	Modimel

conjunction which speaks of these spirits does not give their name, we do not know whether they belonged to one of the different classes of demons whose appellations we have seen, or whether they constituted a seventh group of genus distinct from the others

We have more information about the seven spirits of the abyss, which are mentioned in the same way without giving their names, in another formula, which has been already quoted. These were certainly the seven *Maskim* or "ensnarers" demons which dwelt in the bowels of the earth, and which surpassed all the others in power and in terror. I have found a long incantation in six verses, which depicts their ravages, and was to be pronounced in order to stop a great convulsion in the economy of the world which was attributed to their action, probably in the case of an earthquake. It is in fact directed against the Seven, the malevolent *Maskim*, who ravage heaven and earth, who trouble the stars of the sky and interrupt their movements

They the Seven proceeding from the western mountain
they the Seven increasing the eastern mountain

Acting thus contrary to the normal course of nature, and the regular movement of the stars, these spirits inhabited the depths of the earth, they caused its tremblings, "they are the terror of its mass, "they are without glory in heaven and earth." Their antagonist was "The god Fire who elevates himself,

II A I IV 13

^a The Sababti hymn to this potent deity, the analogue of the Aenu of the Aya 5, in 4 R 14 1 6. It is translated by Talbot in *Records of the Past* Vol III p 137 and a revised translation of the same will appear in the forthcoming work.

the great chief who extends the supreme power of the god of heaven, who exalts the earth, its possessions, its delights," and who tried vainly to oppose their ravages. Having stated this, the incantation directs the god Fire to address himself to Silik-mulu-dug, the mediator before Hea

Approach Silik-mulu-dug, explain this prayer to him,
to him, the command of whose mouth is propitious, the
sublime judge of heaven

The god Fire has approached Silik-mulu-dug and
explained the prayer to him,

the latter in the dead of night has heard the prayer

He has gone into the house to his father Hea, and has
called him

"Father, the god Fire has come and explained his prayer
to me

Thou that understandest the movements of the Seven
tell us in what places they dwell

Listen, son of Eridu!"

Hea has replied to his son Silik-mulu-dug, "My son,
the Seven dwelling in the earth,

they, the Seven, proceeding from the earth,

They, the Seven going from the earth,

they, the Seven which are born in the earth,

they, the Seven which unfold themselves in the earth,

shaking the walls of the watery abyss

Come, my son Silik-mulu-khi"

The indications given by Hea as to the means of conquering the terrible Seven follow, and are again also very obscure. He mentions some coniferous tree, cypress or cedar,² which is to break the power

¹ A town near the junction of the Euphrates and Tigris, the Rata of Ptolemy, actually called Abu-Shahreim. This was the earliest seat of the worship of Hea.

The deity Marduk is often represented as holding a fir cone in his hand. See Bonomi, *Nineveh and its Palaces*, figs 151, 152, and Smith, *Chaldean Account of Genesis*—Ed

of these *Maskim*, and also the supreme and magic name, "the memory of which *Hea* keeps in his heart." The god reveals this name, before which all the powers of hell must bend, to his son. Other divine personages guided by the orders of *Hea*, *Nin ligal*, goddess of the earth, *Nin akh quddu*, a goddess whose attributes are not well known, alternate with the god Fire to finish conquering and binding the *Maskim*. The whole inscription concludes by an invocation to *Hea*, master of the abyss of waters and lord of Eridu.

These demons had a general cosmical power, attacking mankind, and producing "the evil command which comes from the midst of *huru*, the evil destiny which issues from the depths of the abyss, fatal spells against which the following conjuration is directed in which their effects are described:

From the four cardinal points the impetuosity of their invasion burns like fire.

They violently attack the dwellings of man.

They wither everything in the town or in the country.

They oppress the free man and the slave.

They pour down like a violent tempest in heaven and earth.

The malevolent spirits were however pretty closely related to certain elementary spirits which do not belong to the order of demons, but which were considered, to quote the text, as "bad in themselves." Such were the spirits of particular winds, whose burning and unhealthy breath in the original state of

This terrible name of the supreme Being like the tetragrammaton of the Cabalists was probably never uttered at full length. By the possession of this name the early Jewish opponents of Christianity declared that the miracles of Christ were performed. The mystic *Om* of the Buddhists of India and Tibet is supposed to possess similar virtues to the present day.—*Fl* H. A. I. IV. 10, 1.

the climate of Chaldea favoured the development of diseases. The other demons were more directly connected with the ordinary incidents of terrestrial life, but these operated habitually upon man, spread snares incessantly for him, and were the cause of all his evils.

They, the productions of the infernal regions,
says a conjuration,¹

On high they bring trouble, and below they bring
confusion

Falling in rain from the sky, issuing from the earth, they
penetrate the strong timbers, the thick timbers, they
pass from house to house

Doors do not stop them,

Bolts do not stop them,

they glide in at the doors like serpents,

they enter by the windows like the wind

They hinder the wife from conceiving by her husband, ,

they take the child from the knees of the man ,

they make the free woman leave the house, where she has
borne a child

They, they are the voices which cry and which pursue
mankind

And in another ³

They assail country after country

They take away the slave from his place

They make the free woman to leave her house and desert
her child ,

they make the son quit his father's house

they make the dove from his dove-cote to fly away ,

they force the bird to lift himself up on his wings ,⁴

¹ *W A I*, IV, 1, 1

² See Tobit vi 13. There is probably no Biblical book which has received more illustration from the researches of students into Babylonian demonology than this Hebræo-Chaldaic History, and the *Book of Enoch*, especially caps. 11, sec. 2, and 13. — *Ed*

³ *W A I*, IV, 27, 5

⁴ Thus causing it to fall out of its nest and be killed — *Ed*

they make the swallow fly from his nest into space
they cause the ox to run away, and the lamb to escape
the wicked demons who lay snares

The habitual residence of these evil beings was in uncultivated wilds and deserts, from whence they wandered into inhabited places to torment mankind. This long litany, which I have already cited, enumerates the demons according to the places where they dwelt, as the desert, the bleak summits of mountains, the pestilential marshes, and the sea. In another place it is said that "the *Utug* inhabits the desert, the *Mas* dwells on the heights, the *Gigim* wanders in the desert, the *Telal* steals into towns." But their principal home was the desert, we read constantly in the magical texts of demons which watch man from the depths of the desert and the object of the exorcisms was to send them back to those dreary solitudes. It was the general belief in Syria, as well as in Chaldea, and Mesopotamia, that demons inhabited the desert, and the Israelitish prophets appear to have countenanced the popular opinion. Isaiah, in describing the destruction of Edom says

And thorns shall come up in her palaces,
nettles and brambles in the fortresses thereof,
and it shall be an habitation of dragons,
and a court for owls.¹

The wild beasts of the desert² shall also meet with
the wild beasts⁴ of the island,
and the satyr shall cry to his fellow,
the screech owl⁵ also shall rest there,
and find for herself a place of rest.⁶

¹ H A I IV 16 2 Or Ostriches A V ² Heb Z m
Heb *hym* ³ O N *cht Mon ter* A V Is^a 13 14

Among the fatal effects exercised by these demons upon mankind, one of the most formidable was possession. There exist some special formulæ for exorcising those who were thus afflicted, and many passages in other incantations also allude to it. For example, the demons which might attempt to possess themselves of the body of the king, were repulsed by an incantation which finished with these words¹

They shall not enter into the palace,
they shall not seize upon the king

This singular belief, common to the Egyptians, and all people to whom the influence of the Chaldaio-Assyrian civilisation extended, gave rise to one of the most curious episodes in the relations of Egypt with the nations on the borders of the Euphrates. This event happened at the commencement of the 12th century B.C., when the Egyptian suzerainty founded by the great conquests of the XVIIIth and XIXth dynasties still extended to the eastern part of Mesopotamia and it is related upon a famous Egyptian stele which is now preserved in the National Library of Paris. The Theban king, Rameses XII,² made a journey throughout his domain to receive tributes, and on the borders of Egypt met the daughter of the chief of the country of Bakhtan,³ who pleased him so much that he married her. Some years later, when Rameses was at Thebes, he was told that a messenger from his father-in-law was waiting to beg the king to send a physician, chosen

¹ *W A I*, IV, 6, 6

² See *Records of the Past*, Vol IV, pt 53

³ This lady was re-named by her husband, Raneferu, "most beautiful sun," as a mark of his affection. See Birch *Egypt*, p 150—Ed

by himself, to the queen's sister, the princess Bint reschit, who was attacked by some unknown malady and was possessed with a demon. So a renowned Egyptian physician,³ belonging to the sacerdotal class, departed with the messenger. He tried in vain all the resources of his art, "the spirit refused to obey," says the obelisk, and the physician was obliged to return to Thebes without having cured the king's sister in law. This happened in the 15th year of Rameses' reign. Eleven years later, in the year 26, another messenger arrived. The chief of Bakhtan did not desire a physician this time, as it was his opinion that only the direct intervention of one of the gods of Egypt could cure the princess. As on the first occasion, Rameses consented to the request of his father in law, and the sacred ark of one of the great Theban gods, Khonsu, departed to work the required miracle.⁴ The journey was long, lasting one year and six months. At last the Theban deity arrived in Mesopotamia, and the conquered spirit was expelled from the body of the young princess, who recovered immediately. A god whose presence alone was sufficient to work such miraculous cures was indeed precious, and at the risk of quarrelling with his powerful ally, the chief of Bakhtan resolved to keep him in his palace. So during three years and nine months the ark of Khons was detained in

Or Bent rash

The report was, a malady has penetrated the limbs, literally the is an evil movement in the limbs, requiring a kind of nervous paralysis.—Ed

³ He was a royal scribe also. His name was Tetemhebi.—Ed

⁴ The assent of the deity was given by a nod or inclination of the head of the statue, "he moved the head very much. Khonsu was also a Fire deity. He was the third member of the great triad of Elephantine.—Ed

Mesopotamia But at the end of this time the Asiatic chief had a dream 'He thought he saw the captive god flying away to Egypt under the form of a golden sparrow-hawk, and at the same time he was attacked with sudden pains The father-in-law of the Theban king accepted the dream as a heavenly warning; and immediately gave orders for the ark to be sent back, and the god returned to his temple at Thebes in the 33rd year of the reign of Rameses XII.'

When once these possessing demons were expelled from the body, the only guarantee against their return was to obtain by the power of incantations, an opposite possession by a favourable demon A good spirit must take their place in the body of the man, we have already had an instance of this in the XIXth and XXVth formulæ of the long litany translated in Chapter I

May the bad demons depart! May they seize upon one another!

The propitious demon

The propitious giant,

may they penetrate into his body!

This beneficial possession was sometimes desired as the most happy of the supernatural effects of magic, even when it was not required to prevent the return of possessing demons Such is the idea in a hymn for the prosperity of the king, which asks that he may be like the gods, and become the dwelling of good spirits² This hymn is so curious that it is worth

¹ Dr Birch, in the IVth volume of the new series of the *Transactions of the Royal Society of Literature*, and at full in *Records of the Past*, Vol IV, p 53 See also De Rouge, *Etude sur une stèle égyptienne appartenant à la Bibliothèque impériale*, Paris, 1858 —Ed

² *IV A 1*, IV, 18 3

while for us to translate what remains of it, in spite of the deplorable state of mutilation in which it is found we must fill up the gaps to the best of our ability, so as to give a general idea of the meaning '

The crowns
distinguished shepherd
upon the thrones and the altars
The marble sceptre
Distinguished pastor
May the network of crowns (be in his possession)
may the mountain which produces tributes (be in his possession)
may the pasturage of the desert which produces tributes
(be in his possession),
may the orchards of fruit trees which produce tributes
(be in his possession)
The king the shepherd of his people may he (hold) the
sun in his right hand
may he (hold) the moon in his left hand
May the favourable demon the favourable grant which
governs the lordship and the crown penetrate into
his body !
Amen

In the creed of the Chaldean all diseases were the work of demons. Hence the fact, which attracted the attention of Herodotus, that in Babylon and Assyria there were, correctly speaking, no physicians. Medicine was not with them a rational science as with the Greeks, it was simply a branch of magic, and was practised by incantations, exorcisms, the use of philters and enchanted drinks. Nevertheless, in the composition of these drinks certain ingredients

were employed, which experience had shown to possess a healing power. But their ideas upon the nature and origin of diseases were not very different from the medical incantations which we possess. Sometimes the disease was treated as an effect of the wickedness of different demons, and sometimes it seems to have been considered as a personal and distinct being, which exercised its power upon man. This personal character is particularly attributed to the two gravest and most fatal diseases with which the Chaldeans were acquainted,¹ the plague and fever, the *Namtar* and the *Idpa*.² They were represented as two demons, which were always distinguished from the other evil beings. They possessed very marked personal characteristics, and were considered as two of the strongest and most formidable of the demons who afflict mankind.³

The execrable *Idpa*,
says one fragment,⁴

acts upon the head of man,
the malevolent *Namtar* upon the life of man,
the malevolent *Utug* upon the forehead of man,
the malevolent *Alal* upon the chest of man,
the malevolent *Gigim* upon the bowels of man,
the malevolent *Tclal* upon the hand of man.⁵

¹ The Hindus of Deca being visited with the small-pox, which proved very fatal to them, invented a goddess of the malady, whom they represented as a white woman covered with spots, and whom they besought to turn away the affliction from them. — *J. A.*

In the Assyrian *Asakku*

In the train of these active demons, to whose agency all evil was attributed, were those other beings which, without having so direct an influence manifested themselves by frightful apparitions, and bore a close resemblance to the shades of the dead, who were confined under the earth in the sombre dwellings of the infernal country, which corresponded exactly to the *sheol* of the ancient Hebrews. Such were the *Innu* and "the enormous *Uruku*, a species of hobgoblins and larvæ. But the three principal beings of this class were the Phantom, the Spectre, and the Vampire.¹ The two first alarmed by their appearance only, but the vampire "attacked man." The belief that the dead rose from the tomb under the form of vampires existed in Chaldea and Babylon. In a fragment of the mythological *epopee* which is traced upon a tablet in the British Museum,² and relates the descent of the goddess Ishtar into Hades, we are told that the goddess when she arrived at the doors of the infernal regions, called to the porter whose duty it was to open them, saying

Porter open thy door

open thy door that I may enter

If thou dost not open the door and if I cannot enter

I will attack the door I will break down its bars

I will attack the inclosure I will leap over its fences by force

I will cause the dead to rise and devour the living³

I will give to the dead power over the living

In the Accad an *R p g nme* in the Assyrian *L l ru*

I the Accad an *R p me* the Assyrian *L l ssu*

¹ In the Accad an *R p m kh l* in the Assyrian *Akhkh ru*

Re o d of th Pa t Vol I p 143

² I ll ra e up the d ad t be th d r rs f the lv σ For T lbot

The enumerations of the conjuring formulæ mention afterwards, as a distinct class, the demons who induced nocturnal pollution, and who abused sleep to bring men and women into their embraces, the Incubus, and the Succubus or the Lilit¹. This Lilit¹ plays a great part in the Talmudic demonology, the cabalistic rabbis forged a whole legend in which this spirit is stated to have taken a feminine form to deceive Adam and to have united herself to him. As we saw just now in the quotation from Isaiah the prophets even counted the Lilit¹ amongst the number of demons. To the Incubus and Succubus was joined the Nightmare, in the Accadian *Kiel-udda-kanna*, in the Assyrian *Ardat*. I know of no text which defines exactly its nature and its action, but it is probable, judging from its name, that it was one of those familiar spirits which make the stables and the houses the scene of their malicious tricks, spirits whose existence has been admitted by so many people, and which are still believed in by the peasants in many parts of Europe.

To this picture of the superstitions which alarmed the minds of the Chaldees must be added their firm belief in the evil eye, which is often mentioned in the magical conjurations, and in the fatal effects produced by certain unlucky words pronounced even involuntarily, and without any intention to injure, this last accidental augury was called "the malevolent mouth," "the malevolent word," and it is mentioned almost always in conjunction with "the evil eye."

¹ In the Accadian *Gelal* and *Kiel-Gelal*, in the Assyrian *Lil* and *Lilht*.



CHAPTER III

Chaldean Amulets and their Uses

“**T**HE Hindoos have to do with so many demons, gods, and demigods, that it is no wonder they live in constant dread of their power. There is not a hamlet without a tree, or some secret place, in which evil spirits are not believed to dwell. Hence the people live in constant fear of those spirits of darkness, and nothing but the most pressing necessity will induce a man to go abroad after the sun has gone down. See the unhappy wight who is obliged to go out in the dark, he repeats his incantations, and *touches* his amulets, he seizes a firebrand to keep off his foes, and begins his journey. He goes on with gentle steps, he listens, and again repeats his prayers. Should he hear the rustling of a leaf, or the moaning of some living animal, he gives himself up for lost. Has he worked himself up to a state of artificial courage, he begins to sing and bawl aloud ‘to keep his spirits up.’ But, after all his efforts, his heart will not beat with its wonted ease till he shall have gained a place of safety.

Bla The grave

Rberts, *Oriental Ill strati ns fSript re p 54*

This description of the modern Hindoo is in every way applicable to the ancient Chaldees, and may give a good idea of the state of superstitious terror in which they were kept by the beliefs which have been mentioned in the foregoing Chapter. We will now inquire what was the aid offered to them by the arts of sacred magic against the demons and evil influences of all kinds, by which they believed themselves continually surrounded. There were first of all incantations like those we have already quoted. These incantations dated from the most remote antiquity, and were placed in collections like those of which we possess the remains. The complete knowledge of them could only belong to the priests of magic, who made of it a regular science. But every man had to know a few relating to the most common occurrences of life, and the most frequent dangers, in the same way that every Hindoo learns by heart a certain number of precatory *mantras*.

Acts of purification and mysterious rites also lent their aid to augment the power of the incantations. In one formula,¹ we read of a man who is to be preserved from injury

He has purified his hand, he has done the work for his hand,

he has purified his foot, he has done the work for his foot,

he has purified his head, he has done the work for his head,

and with this the evil spirits were supposed to have been put to flight

¹ *III A I IV, 6*

We must add to the number of those mysterious rites, the use of certain enchanted drinks, which, doubtless, really contained medicinal drugs, as a cure for diseases, and also of magic knots, the efficacy of which was so firmly believed in, even up to the middle ages. Here is a remedy which one of the formulæ supposes to have been prescribed by Hea against a disease of the head

Knot on the right and arrange flat in regular bands on
the left a woman's diadem
divide it twice in seven little bands, ⁵
gird the head of the invalid with it
gird the forehead of the invalid with it
gird the seat of life with it ⁴
gird his hands and his feet
seat him on his bed
pour on him enchanted waters
Let the disease of his head be carried away into the
heavens like a violent wind ⁵
may the earth swallow it up like passing waters ¹⁴

Still more powerful than the incantations were conjurations wrought by the power of numbers. In this way, the supreme secret which Hea taught to his son, Sîlik mulu khi, when he consulted him in his distress, was always called "the number" ⁶ In a collection of metrical proverbs, and old popular Accadian songs,⁷ we have these two couplets, which were to be sung

H A I IV 3 2

The d a d m p per was simply an embroidered fillet sometimes decorated with artificial leaves and flowers; gold and gems twisted in a knot behind the head the two ends fall over the shoulders thus as the Egyptian Etruscan and Assyrian form of the ornament. The later Greeks and early Romans converted it to a double or triple bandage for the hair and the Byzantine princesses changed it into a thick cord of gold—Ed

Lac na Qy an e phem sm for the little members?—Ed

⁵ *Rords of the Past* Vol III p 141 also *T ns S c B l Arch* Vol II p 54—Ed

⁶ In the Accadian ana in Assyrian m nu

⁷ *H A I II 16*

at some rustic fête, that was considered to exercise a happy influence upon the growth of the crops

The corn which stands upright
shall come to the end of its prosperous growth ,
the number (to produce that)
we know it

The corn of abundance
shall come to the end of its prosperous growth ,
the number (to produce that)
we know it

Unhappily, although in the magic documents which we possess, frequent mention is made of conjuration by numbers, and, although we know that the number seven had its particular functions, no single formula of these conjurations has been handed down to us, and the indications which remain upon this subject are not sufficiently precise

But the highest and most irresistible of all the powers dwells in the divine and mysterious name, "the supreme name," with which Hea alone is acquainted. Before this name everything bows in heaven and in earth, and in Hades, and it alone can conquer the *Maskim* and stop their ravages. The gods themselves are enthralled by this name, and render it obedience. In the story of the descent of Ishtar into Hades, the celestial goddess is taken captive by the infernal goddess Allat.¹ The gods of heaven are much agitated about her fate, and try to deliver her, the Sun goes to find Nuah (the Assyrian equivalent for Hea), to whom they always had recourse when spells were to be broken, and relates to him what has happened to Ishtar

¹ Or "Ninkigal" in Fox Talbot's translation.—*Ed*

Nuah in the mysterious sublimity of his heart has made a resolution

he has formed the phantom of a black man in order to deliver her

Go to her deliverance phantom at the door of the immutable country present thyself

Let the seven doors of the immutable country open before thee!

May the great Lady of the earth (Allat) see thee and rejoice before thee!

She will calm herself from the bottom of her heart and her anger will be appeased

Utter the name of the great gods

Bearing thy head high attract her attention by miracles for the principal miracle produce the fishes of the waters in the midst of dry land

And, in fact, Ishtar was immediately delivered. The great name remains the secret of Hea, if any man succeeded in divining it, that alone would invest him with a power superior to that of the gods. Some times also in that part of the incantation before us which takes a dramatic character, it is supposed that Hea is teaching it to his son Sihil mulu khi. But even then it is not uttered, it is not written in the formula, and they think that the mention of it alone is sufficient to produce a decisive effect when the incantation is recited.

Everyone knows to what a pitch the belief in the all powerful and hidden name of God has grown amongst the talmudical and cabalistic Jews, and how

He f m d f h escape the fire of a man of clay. The origin I have conjectured from the Chaldee word *S'* clay. But this is a mere conjecture. Fox Talbot, *Records of the Past* V 11 p 147—Ed

"Ahe he (Nink gal) with the name of the great gods. Fox Talbot—Ed
 3 O readers will at once recollect the reserve of Herodotus; mentioning the name of Osiris—Ed

general it still is amongst the Arabs - We now see clearly that it came from Chaldea After all, such a notion ought to have taken rise in a country where they considered the divine name, the *Schem*,¹ as endowed with properties so special and individual that they succeeded in making of it a distinct person We can but quote the celebrated axiom of Varro, "*nomen numen*"

Side by side with the incantations, the Chaldeans, and later, the Assyrians following their example, made great use of talismans² A formula which was to be recited over one of these talismans for preventing the demons from stealing into the different parts of the house, and which was supposed to give to it its efficacy,³ extols the power of it in magnificent terms, and shows the gods themselves as subject to it

Talisman, talisman, boundary that cannot be taken away,
boundary that the gods cannot pass,
boundary of heaven and earth, which cannot be
displaced,

which no god has fathomed,
which neither god nor man can explain,
barrier that cannot be taken away, disposed against
malevolence,

barrier immoveable, which is opposed to malevolence¹

Whether it be a wicked *Utug*, a wicked *Alal*, a
wicked *Gigim*, a wicked god, a wicked *Maskim*,
a Phantom, a Spectre, a Vampire,
an Incubus, a Succubus, a Nightmare,
or else the bad plague, the painful fever, or a bad disease,
he who raises his head against the propitious waters
of the god Hea,

¹ Cf the *Memra* of the Cabalistic Jews

² In the Accadian *Sagba*, in the Assyrian *Mamit*

³ *IV A 1 IV*, 16,

may the barrier of the god Hea (stop him) !
 He who attacks the barns of the god Serakh
 may the barrier of the god Serakh hold him imprisoned !
 He who crosses the boundary (of property) the (talisman)
 of the gods boundary of heaven and earth will never
 let him go again ! He who does not fear the
 may the (talisman) retake him a prisoner !
 He who lays ambushes against the house
 may they imprison him in the dungeon of the house !
 Those who hold each other in an embrace may he repulse
 them together into desert places !
 He who works mischief at the door of the house
 may he be imprisoned in the house in a place from which
 there is no outlet !
 He who endeavours to injure the columns and the capitals
 may the column and the capital stop his way !
 He who slides into the young oak and under the roofing
 he who attacks the sides of the door and the grates
 may he (the talisman) make him weak like water ! may he
 make him tremble like leaves
 may he grind him like paint !
 May he leap over the timber may he cut his wings !

The talismans were of different kinds. First of all
 there were those which consisted of bands of cloth,
 covered with certain written formulæ, and were
 fastened to the furniture or the garments like the
 phylacteries of the Jews. There were also the
 amulets in different materials, which were worn
 round the neck, as a safeguard against diseases,
 demons, and misfortunes. Amulets of this sort, in

1 the 'Asy an Ni ba the g d of h rvests

Lac a

3 Th t i g d h m to powder com d fa d q He bro e

Th p eparat n of o e of these tal mans pr b d i the XVIIIth f m la of
 the lon o l t y tra slated above Se al o *Reco d f the P st* Vol III p 142 ote—Fd

hard stones,¹ occur frequently in museums. They are often engraved with images of divinities or genii, and always have a talismanic formula. Here is one which was to be worn by a woman with child. There are two such specimens in the collections of the British Museum. It is quite an exceptional case that it should be written in the Semitic-Assyrian language.

I am Bit-nui, the servant of Adar, the champion of the gods, the favourite of Bel

Incantation O Bit-nui, remove far from us all pains, strengthen the germ, develop the head of man.

The greater number of the formulæ which are inscribed in this manner upon amulets are in the Accadian language. I shall now quote one of them, which was evidently intended to preserve a man who was already cured of the plague, from experiencing any relapse.

Incantation Wicked demon, malignant plague, the Spirit of the earth has made you leave his body. May the favourable genius, the good giant, the favourable demon, come with the Spirit of the earth.

Incantation of the powerful, powerful, powerful,³ god Amen.⁴

The legends in which the Mussulman writers delight each time that they speak of the heathen antiquity, and of the ancient Asiatic empires, whose

¹ It must be noted that the oldest Egyptian scarabei and amulets were wrought in steatite and soft materials, it was not till the revived empire that they obtained the power of engraving in hard stones, indeed the finest amulets wrought in lapis lazuli belong to the Greco-Egyptian period.—*Ed*

² Lenormant, *Choix de textes Cunéiformes*, No 24

³ This iteration is a common form of concluding the magical texts on Assyrian divination or talisman cups. Many are engraved and translated in Layard's *Nineveh*, and an exceptionally fine, albeit, late example, is published by Rev J. M. Rodwell in *Trans Soc Bib Arch*, Vol II, p 118.—*Ed*

⁴ Lenormant, *Choix de textes Cuneiformes*, No 26

history they have forgotten, but the monuments of which still strike them with astonishment, and seem to them the work of a supernatural power, these legends, I say, are filled with stories of talismanic statues, composed according to the rules of magic, to which are attached the destinies of empires, cities, or individuals. The narratives are only worthy of the *Arabian Nights*, nevertheless, they often contain a confused tradition of a true fact, for, at the present time, we can prove by texts and original monuments that the Chaldeans, and their disciples the Babylonians and Assyrians, believed in these talismanic images, and used them frequently.

When M. Botta searched the palace of Khorsabad, he discovered under the pavement of the threshold, a number of statuettes in biscuit pottery, which may be seen in the Louvre. They are some rather rough images of the gods. Bel with a tiara ornamented with many rows of bulls' horns, Nergal with a lion's head, Nebo bearing a sceptre. In the inscription preserved at Cambridge, Nergalsarossor, the Nergal of the Canon of Ptolemy, one of the Babylonian successors of Nabuchodonossor, speaking of his restoration of the doors of the sacred pyramid of Babylon, says that he had had placed there "eight talismanic figures in solid bronze, which were to keep all wicked and antagonistic people at a distance by the fear of death. The use of these images, and the power attributed to them, are minutely explained by a mutilated magic formula, which orders that a

number of such little figures shall be placed in the house in order to protect it

Place the image of the god Neigal, who is without an equal, in the enclosure of the house

(Place) the image of the god, showing courage, which is without an equal,

and the image of the god Nairudi, lord of the great gods, on the ground near the bed

In order that no evil may happen, (place) the god N

That his god ' N' that his goddess

and the god Latarak at the door

In order to repulse all evil (place) as a scarecrow at the door

the fighting hero (Nergal) who cuts in pieces, inside the door

(Place) the fighting hero who cuts in pieces, who rules the hand of rebels on the threshold of the door, right and left

Place the guardian image of the god Hea and the god Sılık-mulu-khi, inside the door, right and left

the lip of the god Sılık-mulu-khi, who inhabits the image

That his lips may grant to him a (joyous) regeneration like the coming in and going forth of young animals¹

O ye, offspring of the ocean, sublime children of Hea eat well, drink freely in order to be on your guard, that no harm (may penetrate)

before the face of seven images who bear ' who bear arms⁶

The last paragraph seems to indicate very clearly

¹ Here follows a name which has not yet been deciphered

² Lacuna

³ This space for a proper name has been left blank for the insertion of that of the man in whose favour the incantation was to be used

⁴ See also *Records of the Past*, Vol III, p 142

⁵ In Assyrian, "He has confirmed his spell of agreement upon him"

⁶ *IV A I IV*, 2, 1

that it was the custom to place in some part of the house, food and vessels of drink for the gods and genii whom people called upon to guard their houses by covering themselves with their images, as protecting talismans. I think amongst no people do we find the idea that the gods obtained material sustenance and new strength from the offerings made to them, expressed in more set terms than in the Accadian magical documents. Thus I read in an incantation to the Sun

Make a ray of peace shine upon him cure the disease
The man son of his god is burdened with the load of his
 shortcomings and his transgressions
his limbs are diseased his disease pollutes him
 painfully
Sun at the lifting up of my hands come at my call
eat his food absorb his sacrifice strengthen his hand!¹
By thy command may his iniquities be pardoned may
 his transgressions be put away!

A formula which Sir Henry Rawlinson has not inserted in his collection, and which I have copied from an unpublished tablet in the British Museum, bearing the number K. 142, relating to the enumeration of the demons, and the diseases from which it was to preserve the possessor, ends with these words

Feast sacrifice and draw near all of you
May your incense ascend to heaven,
may the Sun absorb the meat of your sacrifice
may the son of Hea the warrior (who combats) witchcraft
 and sorcery prolong your life!

1 H. 1 IV. 17

Th. p. o. s. m. a. I. h. a. l. l. e. p. l. t. h. s. e. p. e. s. s. o. n. l. a. t. e. r.

And, lastly, in a small fragment of a magical hymn,¹
it is said to a god

□ In sublime dishes eat sublime food
From sublime cups drink sublime waters
May thine ear be disposed to judge favourably of the
king, son of his god

Talismanic figures of quite another kind, but inspired by a much more original idea, were also employed. The Chaldeans represented the demons under such hideous forms that they believed that it was sufficient for them to be shown their own image, to cause them to flee away alarmed. The application of this principle is illustrated in an incantation against the plague, followed by a prescription for curing it, which is not in Sir Henry Rawlinson's collection.²

The malevolent *Namtar*³ burns the country like fire,
Namtar attacks man like fever,
Namtar spreads over the plain like a chain,
Namtar like an enemy takes man captive,
Namtar burns man like a flame,
Namtar has no hand, no foot, he comes upon man like a
snare,
Namtar bends the invalid like a bundle,
he pollutes his ⁴
he shuts his ⁴
he seizes ⁴
 ⁴

His god ⁴ oppresses him (the invalid)
His goddess (expels) the good from his body
Silik-mulu-dug (has accorded to him) his (propitious) favour,

¹ *W A I* IV 13, 2

² British Museum, Tablet K 1284. Edited in my *Etudes Accadiennes*, II, ¹, No 18.

³ The plague

⁴ Lacunæ

to his father the Lord of the earth into the dwelling
he entered and said to him

My father the malevolent *Namtar* is burning the
country like fire

For the second time he said to him

He has tried the remedy he does not know the
remedy, he is submissive to the remedy

The Lord of the earth made answer to his son Silik
mulu dug

My son thou dost not know the remedy let me
prepare the remedy Silik mulu dug thou dost not
know the remedy let me prepare the remedy for thee

What (I know (now) thou knowest it also)

Come my son (Silik mulu dug)

Mould the ¹ of the ocean

make of it an image in his likeness (*Namtar*)

Lay the man ²

Apply (the image) to the living flesh of his body ³

instil into him the regenerative grace of Eridu

turn his face towards the setting sun ⁴

May the malevolent *Namtar* who possesses him pass into
the image ¹

Amen

The image in his likeness is all powerful

The museum of the Louvre has lately bought a
very curious bronze statuette of Assyrian work
manship It is the figure of a horrible demon in an

Hea

These dialogues which occur very frequently in the incantations are only briefly
indicated here by the first words of the principal passages. ¹ Lac

The Babylonians of Chaldea still apply to the diseased part of the body the image of
the demon who is considered to have propagated the disease think that to cure it they
J Roberts *Oriental Illustrations from Scripture* p 171

² It is curious that in Egypt all good and evil and life proceed from the
West though the setting sun is said all over the East to be its source
See *Religious and Magical Chapters* and xc The Chapter of not causing a Person to
go to the East from Hades —Ed

upright posture, with the body of a dog, the feet of an eagle, the claws of a lion, the tail of a scorpion, the head of a skeleton but half decayed, and adorned with goats' horns, and the eyes still remaining, and lastly four great expanded wings.¹ This figure was originally suspended by a ring behind the head. On the back there is an Accadian inscription, which informs us that this hideous creature was the demon of the south-west wind, and by placing this image at the door or the window, its fatal influence might be averted. In Chaldea, the south-west wind comes from the deserts of Arabia, and its burning breath which dries up everything causes the same havoc as the *Khamsin* in Syria, and the *Samoon* in Africa. This particular talisman was an example of one of the most numerous species of amulets. The British Museum alone possesses two specimens of the repulsive head of this demon of the south-west wind, one in a yellow, and the other in a red, stone, each bearing the same magical formula as the bronze one of the Louvre, there is also a third specimen in bronze but without any inscription.

The collections of the various museums contain many similar images of demons, which were made in order to serve as talismans, and to keep at a distance the wicked spirits which they were supposed to represent. Some have the head of a ram upon a neck of immense length, others the head of a hyæna with an enormous open mouth, the body of a bear, and

¹ Many nearly similar monstrous combinations are found on the Gnostic gems, especially those from the East. A very large collection of them is contained in Montfaucon, *L'Antiquité Expliquée*—Ed

the claws of a lion The imagination of the sculptors of the middle ages was not more fertile than that of the Babylonians and Assyrians in forming, by means of odd combinations, horrible types of demons Unhappily, as a rule, we do not know the exact name to give to these singular representations

The monstrous forms thus assigned to the demons, which were composed of parts borrowed from the most different animals, were also, according to Berosus, characteristic features of the first rudimentary beings born in the darkness of chaos, before Bel Marduk the demiurgus began his work The Assyrian and Babylonian artists, as Mr Smith lately proved, even represented by a figure of this sort the mother and queen of these monstrous beings, Tihamat, the personification of the primordial sea, the source of all things, the Tauthe of Damascius, the Thivath Omoroca of Berosus In fact certain legends, like the one of which Mr Smith has discovered the fragments, described the labours of Bel Marduk, as organizing the still chaotic mass under the figure of a struggle between the god and the mystical Tihamat, who is represented by a monster in whom all the disorder of the primitive creation was reflected This struggle is depicted upon some cylinders and in a large bas relief of Nimrod (at present in the British Museum), on which Tihamat has the body the head and the fore paws of a lion, the wings the tail and the hind claws of an eagle, while the neck and

upper part of the body are covered with feathers or scales

The magical documents however throw much light, which we might elsewhere seek in vain, upon the interpretation of these figures

There are in the sculptures of the Assyrian palaces, side by side with historic scenes and religious representations, many bas-reliefs incontestably of a talismanic character, which were intended to avert fatal influences on the principle that an image has the same value as an incantation, and like it, acts in a direct manner upon the wicked spirits

The winged bulls with human heads, which flanked the entrance gates, were genii which kept real guard, and were tied to the post all the time that their image dwelt there without being disturbed. This is expressed as follows by the king Esarhaddon in one of his inscriptions

May the guardian bull, the guardian genius, who protects the strength of my throne, always preserve my name in joy and honour until his feet move themselves from their place¹

At Koyunjik, in the magnificent residence which Assurbanipal had constructed in the heart of Nineveh itself, there were represented in many of the chambers numbers of monstrous figures having the body of a man, the head of a lion; and the feet of an eagle

¹ See Fox Talbot, "Inscription of Esarhaddon" in *Records of the Past*, Vol III, p 121

"Bulls and lions carved in stone,
which with their majestic mien
deter wicked enemies from approaching
The guardians of the footsteps, the saviours
of the path of the king who constructed them,
right and left I placed them
at the gates"

These were arranged in groups of two figures fighting with daggers and clubs. There were other demons also, and the sculptures were only a pictorial translation of the formula which we have already met with in many incantations.

May the bad demons depart may they seize (upon) each other!

Evidently therefore the Chaldeans believed that to sketch upon the walls of the palaces the combats of these demons was one way of repeating for ever under another form the imprecation which condemned them to conflict and defeat.

Nothing is more common than to see upon the small cylinders of hard stone, which were used as seals by the Babylonians and Assyrians, representations of combats of monsters of various singular forms, with one of the two gods Adar or Nergal, the Hercules and Mars of the religion of the countries bordering the Euphrates and the Tigris. In the monsters which are being attacked we recognize the evil demons, and indeed according to the magical texts the two gods in question were specially charged with a mission to struggle against malevolent spirits. A whole hymn of the magical collection is dedicated to the celebration of the warlike exploits of Nin dar, and in an incantation against numerous demons one of the final wishes is, "may they come before Nergal, the powerful warrior of Mul ge."

Sometimes instead of wrestling with fantastic monsters, the gods we have just mentioned struggle with one or many bulls or bull headed men whom they

assail with their swords In the earlier days of Assyriology some students sought in this subject to find some astronomical significance in connection with the presence of the sun in the sign of Taurus, and a very estimable scholar has even discovered in these conflicts an indication of the Babylonian origin of the Mithriac mysteries, as also the connecting link of a complete theory of the Asiatic religion These theories were however vain attempts to discover many mysteries where really there was nothing so sublime Subjects of this kind never represented anything but Adar or Nergal as warlike gods triumphing over demons of the kind called by the Accadians *Telal*, and the Assyrians *Gallu*, demons in the form of a bull, which, as we learn by this fragment of conjuration, were particularly hurtful to man ¹

Devastator of heaven and earth, devastator of the earth,
 the genius who devastates countries
 the genius who devastates countries and whose power is
 very great,
 whose power is very great, whose trampling is formidable,
Telal, the bull which pierces, the very strong bull, the
 bull which passes through dwellings,
 (it is) the indomitable *Telal*, there are seven of them ²
 They obey no commands,
 they devastate the country like ,
 they know no order,
 they watch men,
 they devour flesh, they make blood flow, they drink
 blood ,

¹ *W A I IV*, 2, 4

² So also the Egyptians had seven mystical cows, or Hathors, and seven bulls The cows were mysteriously connected with life and death See *Ritual of the Dead*, Cap cxxx—*Ed*

³ Here is the name, which is still however doubtful, of a kind of gnawing and destructive animal

they (injure) the images of the gods
 they are the *Tela'* which multiply hostile lies
 which feed on blood which are immovable

The figure of the celestial gods conquering the demons could nowhere find a better place than upon the cylinders. By the mysterious and protecting virtue attributed to it, this representation made them into talismans for those who wore them, and preserved the secrets or treasures which bore its imprint from diabolical encroachments.

The discovery by Mr. Smith of the epic legend of Izdubar, suggests a new and probable interpretation of some of the representations on the cylinders, in which the gods and heroes are fighting against a bull. It signifies the struggle of Izdubar and his companion Heabani against the bull created by Anu at the request of Ishtar, who desires to revenge herself upon the hero of Ereh for his disdain, and this struggle is related in the VIth tablet of the poem. But we must not, I think, generalize this application too much. The representation of the episode which occurs in the legend of Izdubar seems to me particularly distinguished by the fact that the heroes combating the bull are two in number, one, Heabani, who is holding the animal by the head and tail, while the other, Izdubar, is piercing it with his sword, in accordance with the details of the epic recital. But when, as often happens, two persons are combating two bulls, or creatures which are half men half bulls, I consider it quite a different subject, and I think the interpretation here proposed must be adopted.



CHAPTER IV.

Chaldean Sorcery and its Dual Nature

AMONGST all nations the belief in that magical power, which, by means of certain words and rites, commands the evil spirits and constrains the gods themselves to obey him who knows all their powerful secrets, has produced in the natural order of things a dual system corresponding to that of the good and bad spirits. The supernatural power by which man succeeds in conquering the spirits may be in its nature either divine or diabolical, celestial or infernal^{*}. In the first case it is confounded with the power that the priest derives from the superior gods, it is exercised in a beneficent manner to avert misfortunes, to conjure diseases, and to combat demoniacal influences. In the second case it becomes perverse and impious, constituting sorcery or witchcraft with all their criminal aberrations. This distinction was made by the Chaldeans, and it exists

^{*} Those who are interested in these distinctions may read with profit the works of Dr. John Dee, as transcribed by his assistant, John Kelly, and edited with ample notes by Meric Casaubon, the son of the famous reformer. It contains perhaps the finest and latest examples of the peculiar rites of the Chaldaeo-Medieval sorcerers —
Ed

everywhere, except perhaps amongst some positively barbarous tribes, by whom the priest of magic is more feared for his sorcery than blessed for his beneficent conjurations. Of course the sacred books, the remains of which we possess, only contain the formulæ and incantations of the divine magic, of the conjuring and propitious art, the diabolical and malevolent magic is excluded with horror, and its practices are energetically condemned.

Nevertheless, the Chaldean tablets do not leave us without any insight into witchcraft, as their formulæ were destined to counteract the effects of the sorceries of this impious art, as well as the spontaneous action of demons. Witches and wizards figure largely in them, and we see that they were numerous in ancient Chaldea, amongst the Accadian people. Sometimes the spells were mentioned together with demons and diseases in the enumeration of the plagues to be averted, sometimes they were attacked by special incantations. Of the latter class was one which cursed the sorcerer by calling him "the malevolent evil doer, this malevolent man, this man, malevolent amongst men, this bad man," and which spoke of "the terror which he spreads," of the "place of his violent aggressions and of his wickedness," of "his spells which are driven away from men." In these tablets Hea, as the chief protector against all infernal powers, and with him the Sun, were the gods invoked for protection from the sorcerer. For as the evil magi

See Tylor *Primitive Culture* ch. x. *Notes to the Early History of Magic*
 for a general illustration of the essential points gathered from all parts of the world
 and for all eligia. —Ed.

prepared their sorceries in the dark, the Sun was their great enemy. A hymn in the magical collection¹ addresses Hea in these terms

Thou that dispellest lies, thou that destroyest the evil
influence
of the prodigies, auguries, vexatious prognostications,
dreams, evil apparitions,
thou that frustratest wicked plots, thou that condemnest
men and countries to perdition
which abandon themselves to witchcraft and sorcery

As a rule the sorcerer was called "the evil-doer, and the malevolent man" in the old Accadian conjurations. The expressions describing his practices had always a mysterious character impressed with the terror which he inspired; they did not dare to describe his secrets explicitly, and the Assyrian translations alone gave a more exact meaning to these expressions. The spells were generally indicated by the words "that which acts, that which is bad, that which is violent," the rites of sorcery were called "the work," the incantations "the word," and the poisonous philters "the mortal thing." M. Pictet has recorded exactly parallel facts in the language of the different Aryan nations.²

There was no evil which the sorcerer could not work. He ordered 'at will the fascination of the evil eye or of unlucky words, his rites and formulæ for enchantment subjected the demons to his orders, he let them loose upon the person he wished to injure, and made them torment him in every way, he sent ill-luck alike to countries or individuals, and caused

¹ *W A I IV*, 17

² In *Les Origines Indo-Europeenes, ou les Aryas Primitifs*, 1859

demoniacal possession and other terrible diseases. He could even take away life with his spells and imprecations, or else by the poisons of which he had learnt the use, and which he mixed in his fatal potions. In this latter case, the conjuration by which his intended victim opposed his acts was designed to turn upon the sorcerer or sorceress the effects they tried to produce. "May she die and may I live!" is the phrase which terminates an unpublished formula against the enchantments of a sorceress, who had undertaken to cause the death of an unknown person by her spells.

An incantation, of which we only possess the Assyrian version, enumerates divers kinds of operations used by the Chaldean sorcerers

The wizard has charmed me with the charm has
charmed me with his charm

the witch has charmed me with the charm has charmed
me with her charm

the sorcerer has bewitched me with the spell has bewitched
me with his spell

the sorceress has bewitched me with the spell has
bewitched me with her spell

He who enchants images has charmed away my life by
image

he has taken the enchanted philter and has soiled my
garment with it

he has torn my garment and dragged it in the dust of
my feet

may the god Fire the hero dispel their enchantments

Another formula³ averted the effect of "the image

B tsh M se m K 43

II A I IV 56

³ The translation of the text is still very doubtful and its mostly upon conjecture. O interpretaton a mer gue s

II A I IV 16

which holds up its head," and which was resisted by the use of purified and enchanted waters; of him "who by the strength of his plans causes disease," of the philter which spreads in the body (desiring that it may run off like clear water) of "the charm concealed in the philter," and lastly "of the lip which utters the enchantments"

We have here then a spell, which by means of the words recited by the sorcerer,¹ by the use of "works" of mysterious rites, and of enchanted objects, had an irresistible effect, amongst those rites may be noticed the charming away of a person's life by means of a wax figure,² and the casting of spells, and lastly of the concoction of philters from certain herbs known to the magician, who increased their power still more by pronouncing incantations over the potions

The Chaldeans, however, like the ancient Greeks, made no distinction between the enchanted philter and poison, designating both by the same name, this may throw some light upon the character of these drinks, the effect of which was so much feared

The VIth formula of the long litany is directed against him "who makes the image," and indeed charming away life by means of a wax figure seems to have been one of the most frequent practices of Chaldean sorcerers. The magical documents often allude to it. It is the more curious because, according to the Arabian writer Ibn Khaldun, who lived in the XIVth century of our era, and writes as an

¹ Called by the Latins *carmen*, whence the English word charm

² As the Lapland witches are traditionally said to do

eye witness, this practice was still very common amongst the Nabathæan sorcerers of the Lower Euphrates, who have inherited many traditions, more or less corrupted, from the ancient inhabitants

We saw with our own eyes one of these individuals making the image of a person he wished to bewitch. These images are composed of things the qualities of which bear a certain relation to the intentions and the projects of the operator and which represent by means of symbols the names and the qualities of the unfortunate victim in order to unite and disunite them. The magician afterwards pronounces some words over the image which he has just placed before him and which is a real or symbolical representation of the person whom he wishes to bewitch, then he blows and emits from his mouth a little saliva which had collected there and at the same time makes those organs vibrate which are used in the utterance of this malevolent formula. Next he holds over this symbolical image a cord which he has prepared with this intention making a knot in it to signify that he is acting with resolution and persistence that at the moment when he spat he made a compact with the demon who acted as his associate in the operation and to show that he is acting with a determined resolution to consolidate the charm. To these processes and malevolent words a wicked spirit is united which comes forth from the operators mouth covered with saliva. Many evil spirits then descend and the result of all is that the magician causes the victim to be attacked by the desired evil.

But the most powerful of all the means which "the malevolent man," who seeks to injure, can employ, were imprecations. The formula of imprecation not only unloosed the demons, but it acted upon the celestial gods themselves, and, by binding their

action to its words, turned them to evil purposes ; it also commanded the gods attached to each man , according to the Chaldaic ideas, and changed him from a protector into a malevolent enemy This belief is indicated in set terms by a long conjuration, which describes by means of truly poetical images, the effects of the imprecation it is to avert ¹

The malicious imprecation acts on man like a wicked demon,²

the voice which curses has power over him ,

the voice which curses has power over him ,

the malicious imprecation is the spell (which produces)
the disease of his head

The malicious imprecation slaughters this man like a lamb ,
his god oppresses him in his body ,

his goddess creates anguish in him by a reciprocal
influence,

the voice which curses covers him and loads him like a
veil

Silik-mulu-dug has accorded to him his protecting favour ,
to his father, the Lord of the earth,³ into the dwelling, he
entered and said to him

"My father, the malicious imprecation acts upon man
like a wicked demon "

For the second time he said to him

"He has tried the remedy , he does not know the
remedy , he is submissive to the remedy "

The Lord of the earth has made answer to his son Silik-
mulu-dug

"My son, thou dost not know the remedy , let me
prepare the remedy for thee

Silik-mulu-dug, thou dost not know the remedy , let me
prepare the remedy for thee

¹ *W A I* IV , 7

² See also *Records of the Past*, Vol III , p 147

³ Hea

What I know (now) thou knowest it wholly

Come my son Silik mulu dug

from the high dwellings stretch out thy hand to him

Avert the evil fate deliver him from the evil fate

may the evil which upsets his body

be an imprecation from his father

an imprecation from his mother

an imprecation from his eldest brother

or else an imprecation from an unknown person

The evil fate by the command from the lips of Hea

may it be destroyed like a plant

may it be divided into pieces like a fruit¹

may it be torn and plucked up like a twig¹

The evil fate Spirit of the heavens conjure it¹

Spirit of the earth conjure it¹

The latter expressions of this formula are explained by the following portion of the same document It contains a series of conjurations which were supposed to be uttered by the person who was anxious to be delivered from the effects of the spells Whilst he was pronouncing these conjurations, he had to perform certain rites strongly resembling those described in the *Pharmaceutria* of Theocritus, and in Virgil's VIIIth *Eclogue*

1 As this plant withers so shall also the spell

The burning fire shall devour it

It shall not be arranged on the lines of a vine arbour

It shall not be trained into an arch and an

the earth shall not receive its root

its fruit shall not grow and the sun shall not smile upon

it

it shall not be offered at the festivals of kings and gods

The man (who has cast) the evil fate his wife

From the curs of his father

From th curse of h s mothe —Smith

the violent operation, the indigitation,¹ the written spell,
 the curses, the sins
 the evil that is in my body, in my flesh, in my bruises,
 may (all that) be withered like this plant¹
 May² the burning fire devour it this day¹
 May the evil fate depart, and may I behold the light
 again¹

- 2 As this fruit is divided into pieces, so shall also the spell be
 The burning fire shall devour it,
 it shall not return to the supporting branch from which
 it is cut off,
 it shall not be offered at the festivals of kings or gods
 The man (who has cast) the evil fate, his wife,
 the violent operation, the indigitation, the written spell,
 the curses, the sins,
 the evil that is in my body, in my flesh, in my bruises,
 may (all that) be divided in pieces like this fruit¹
 May the burning fire devour it this day¹
 May the evil fate depart, and may I behold the light
 again¹

- 3 As this twig is plucked up and broken to pieces, so shall
 also the spell be
 The burning fire shall devour it,
 its fibres shall not again unite themselves to the trunk,
 it shall not arrive at a perfect state of splendour
 The man (who has cast) the evil fate, his wife,
 the violent operation, the indigitation, the written spell,
 the curses, the sins,
 the evil which is in my body, in my flesh, in my bruises,
 may (all that) be broken in pieces and plucked up like
 this twig¹
 May the burning fire devour it this day¹
 May the evil fate depart, and may I behold the light
 again¹

¹ "finger pointing"—Smith

² "The evil invocation"—Smith

- 4 As this wool is rent, so shall also the spell be
 The burning fire shall devour it
 it shall not return to (the back of) its sheep
 it shall not be offered for the garments of kings and gods
 The man (who has cast) the evil fate his wife
 the violent operation the indigitation the written spells
 the curses the sins
 the evil which is in my body in my flesh in my bruises
 may (all that) be rent like this wool!
 May the burning fire devour it this day!
 May the evil fate depart and may I behold the light
 again!
- 5 As this banner is rent so shall also the spell be
 The burning fire shall devour it
 it shall not return to the top of its staff
 it shall not float in its splendour
 The man (who has cast) the evil fate his wife
 the violent operation the indigitation the written spells
 the curses the sins
 the evil which is in my body in my flesh in my bruises
 may (all that) be rent like this banner!
 May the burning fire devour it this day!
 May the evil fate depart and may I behold the light
 again!
- 6 As this fulled stuff is rent so shall also the spell be
 The burning fire shall devour it,
 the fulling mill shall not dye it (to make it into) a
 covering
 it shall not be offered for the garments of kings and gods
 The man (who has cast) the evil fate his wife
 the violent operation the indigitation, the written spell
 the curses the sins
 the evil which is in my body in my flesh in my bruises
 may (all that) be rent like this fulled stuff!
 May the burning fire devour it this day!

May the evil fate depart, and may I behold the light again !

The formulæ of imprecation were really terrible. They called upon all the gods of heaven and of the abyss to display their power by overwhelming with misfortunes the person against whom they were directed. I shall quote as an example those upon the celebrated monument of our national library, which is known by the name of Caillou Michaux, after the traveller who brought it from the suburbs of Bagdad. It is an ovoid boulder of black basalt, fifty centimetres¹ high, upon the lower part of which are sculptured some sacred symbols, the rest of the stone is covered with a long inscription in the Assyrian tongue, containing the law concerning landed property as a dowry for a woman on her marriage, and giving the whole measurement of the land to which the stone served as a boundary. After the copy of the act passed in an authentic manner, come the imprecations against any one who displaced the boundary, or troubled in any way the peaceable possessor of the lands.

They (the imprecations) shall precipitate this man into the water, they shall bury him in the ground, they shall cause him to be overwhelmed with stones, they shall burn him with fire, they shall drive him into exile into places where he cannot live.

May Anu, Bel, Nouah, and the Supreme Lady² the great gods, cover him with absolute confusion, may they root up his stability, may they efface his posterity !

May Marduk, the great lord, the eternal chief, fasten him up with unbreakable chains !

¹ Or 19 685 inches English

² Belit, the wife of the god Bel, of which she was more literally the feminine form Bilat or Beltis, as she is sometimes called, was the Assyrian goddess of war—Ed

May the Sun the great judge of heaven and earth, pronounce his condemnation and take him in his snares!
 May Sin the illuminator who inhabits the elevated regions catch him in a net like a wild ram captured in the chase like a buffalo whom he throws to the ground by taking him in a noose!

May Ishtar queen of heaven and earth strike him in the presence of gods and men and entice his servants to perdition!

May Adar the son of the zenith the child of Bel the supreme destroy the limits and the boundary of his property!

May Gula the great lady the spouse of the winter Sun pour inside him a deadly poison may she cause his blood and sweat to flow like water!

May Bin the captain of heaven and earth the son of Anu the hero inundate his field!

May Serakh destroy the firstfruits of his harvest may he enervate his animals!

May Nebo the supreme intelligence¹ overwhelm him with affliction and terror and lastly may he hurry him into incurable despair!

And may all the great gods whose names are mentioned in this inscription curse him with a curse from which he can never be released! may they scatter his race until the end of time!

It will be easily understood that nothing short of the direct intervention of the god Hea could deliver a man from the weight of imprecations such as these

¹ The moon god father of Ihta of Abela. See a beautiful Assyrian poem
 The Death of the Riteous Man translated by Fox Talbot in *Records of the Past*
 Vol III p 135 Lac n

Nabo or Nebo was the person intelligence considered as a abstract spiritual entity He was the god of wisdom and of learning



CHAPTER V

Comparison of the Egyptian with the Chaldean magic

NLL magic rests upon a system of religious belief, and upon a fixed conception of that supernatural world, the innate consciousness of which is experienced by every man, making him seek to pierce its secrets with his intellect, even in a state of utter barbarity. If we consider the elementary ideas of mankind with the magic superstition arising from them, and the religious beliefs of which the latter is the corruption, we must divide them into three classes, according as the diversity of their origin imparts to them different tendencies and different characters.

First of all comes primitive magic, connected with the worship of elementary spirits. "The religion of a savage or very barbarous man is," says M. Maury, "a superstitious naturalism, an incoherent fetichism, in which all phenomena of nature and all created beings become objects of adoration. Man places everywhere personal spirits made in his own image, sometimes representing the objects themselves,

and sometimes having a different signification. Such is the religion of all the black nations, of the Altiæ tribes, the colonies of Malacca, and the other primitive populations of Hindostan, of the red races of America, and the islanders of Polynesia, such was at first that of the Aryans, Mongols, Chinese, Celts, Germans, and Slavonians. In a system of this kind magic is at first of all only a part of the worship, or indeed the worship itself. The supreme end of magic was to conjure the spirits, for the savages feared their malevolent influence more than they expected benefit from their goodwill. As the worship amongst these people was reduced to little more than the conjuration of spirits and the veneration of animals, their priests were only sorcerers, whose mission it was to communicate with the demons they so much feared. In other words, their worship was almost entirely limited to magical ceremonies. Such is even now the character of the priesthood amongst many barbarous nations and demoralized tribes. The professors of magic are found in all countries where fetichism takes the place of religion. These priests combine the functions of diviners, prophets, exorcists, thaumaturgists, physicians, and makers of idols and amulets. They teach neither morals nor good works, they are not devoted to the practices of a regular worship, or to the service of a temple or an altar. They are only sought for in cases of necessity, but they exercised nevertheless a considerable sway over the populations with whom they take the place of more sacred ministers.

In the beginning, and in a state of complete

barbarity, there is no distinction between favourable and fatal magic, just as there is none between magic and worship, at least not more than the radical difference which exists between good and bad spirits. The priest of magic is the same as the sorcerer, following the caprices of his will, he exercises his mysterious power or good or evil, according as he has been made a friend or a foe. But the first result of progress towards a more regular social state, and of the development of the morals, is to bring to light in this coarse and primitive naturalism an idea of the dual system, which is more or less marked, and may become, as with the Persians, the foundation of a very lofty and entirely spiritual religion. These distinguish by contrasting them, the world of light from that of darkness, and good, from physical, if not yet from moral, evil. They then proceed to separate into two classes the spirits spread all over the universe, regarding some as good, and the others as bad, both essentially so and so by nature. All pleasant things are attributed to the action of the former, and all fatal and painful things to that of the latter. The priest is still a magician, but his power is exercised henceforth in an exclusively beneficent manner, he holds no communication with the bad demons, except to combat and repulse them, his rites and incantations are all powerful in expelling them, while, at the same time, they act upon the good spirits, and ensure their co-operation and protection. He is no longer to be confounded with the sorcerer, who keeps up an intercourse with bad spirits and demons, taking part in their wickedness, and subjecting them to his

orders for evil purposes. The acts of the sorcerer are from that time cursed and condemned as impious, whilst the power of the favourable *magi*, or the thaumaturgic priest, is respected and considered as holy and divine.

This is the second phase of the primitive magic, founded upon the belief in the elementary spirits. But in spite of this important modification, which somewhat purifies it, the principle remains essentially the same, and the dual system which is thus established is often more conspicuous than real Magic built in this way upon the coarse naturalism of a state of barbarity, sometimes survives the adoption of a more noble and philosophic religion, with a higher conception of divinity and a perception of its fundamental unity. The new religion accepts and tolerates it, recognizing its existence, while excluding it from the official worship. The priests of magic still exist, but they form an inferior class of the priesthood. The elementary spirits, at first the only objects of worship, are not admitted into the supreme ranks of the pantheon, unless some of the more important are identified, purposely or by force, with certain gods of the official religion, but a place is found for them amongst the *dei minores*, the inferior personifications to whom no public worship is addressed. In this way they manage to legalize the use of the old magic formulæ which seem to take no notice of the great gods, and to preserve, still bearing intact the imprint

This was exactly the distinction maintained in the Dark and Middle Ages of Europe, when a Pope Sylvestre and a Saint Dunstan, each both acknowledged the magical powers while at the same time denouncing the exercises of the church-priests of the hellish or black art.—Ed

of the ancient system from which they arose, its hierarchy of gods and demons concealed underneath the exterior and entirely different covering of the prevailing religion we shall prove this fact in a very clear manner when we analyse the religious beliefs of Chaldea.

Entirely different from the preceding in principle, and consequently in the nature of its rites and incantations, although putting forth the same pretensions, is theurgical magic; the superstitious contortion of a philosophic religion, which would make to issue from an infinite and universal, but vaguely conceived god, by a peculiar system of emanation, a whole hierarchy of supernatural powers, each bearing a closer resemblance to nature than the last, and at the same time participating, though in different degrees, in the divine perfections and in human weaknesses. In a system such as this, man, by the power of purificatory rites, and above all by the possession of science, succeeds in rising towards divinity, approaching it indefinitely near, and becoming like it, so that in consequence he is enabled to govern the powers of the inferior emanations, and to make them obey his orders. Enchantment becomes again an important part of the worship, it is the holy and legitimate intercourse established by the sacred rites between man and the gods. Magic of this kind is essentially a divine work, as the name theurgy, given to it by the Neoplatonists, clearly shows. Its action is entirely beneficent, and if some perverse creatures abuse the power given them by divine science over

the spirits and inferior gods in order to satisfy a guilty covetousness, and to do evil, it is an odious sacrilege, the effects of which are paralysed by certain invocations of the divine power

The theurgical system attained perfection amongst the Neoplatonists of the Alexandrian school, particularly amongst those of the last epoch, and the propensity to demonological rites which is already marked in the time of Porphyry, triumphs completely under Proclus. From this time the worship of the Neoplatonists consists in the rendering of homage and thanks to the good deities, and the use of conjurations, exorcisms, and purifications against the wicked. In other words, their religion becomes exclusively a theurgy, in which all the magic rites of the different nations of antiquity have a place, those of the Chaldeans as well as those of the Egyptians. The magic of ancient Egypt was quite theurgic in origin and doctrine, and we cannot deny that the reveries of the later Neoplatonists are in a great

All these beings like us and those who possess a contrary power are invisible and perfectly imperceptible by human senses, for they are not surrounded with a solid body nor are all of them of one form but they are fashioned into various figures. Sometimes also these that are material change their form. Hence there is no evil which they do not attempt to effect for in short being violent and full of their manners and being also deprived of the guardian care of more excellent demons they make forth most part vehement and sudden attacks sometimes daring to conceal their incursions, but at other times assaulting openly. Hence the molitions which are produced by them are rapid but the remedial corrections which proceed from more excellent demons appear to be more slowly effected for every thing which is good being intractable and equable proceeds in orderly manner and does not pass beyond what is fit. Porphyry *D. Al. t. c. it. a. c. 39*—Ed.

See Proclus *Element. f. Theology* props. cxix. cxlii. and cxi. But better still Iamblicus *O. the Mysteries* lib. i. cap. xv. The name of the god as beneficent beneficent, for which the subtle Plotinus gives anastological reason and the answer of Abammun to Porphyry cap. i.—Fd.

measure due to its influence,' although it had not attained to such a degree of systematic development, as to take the place of all other worship, indeed it still retained its character of inferiority in relation to the official religion, and was not formally recognised as a rite.

There is finally a third species of magic, thoroughly diabolical in character, and openly acknowledging itself as such. This kind helps to perpetuate, by still believing in their power and transforming them into dark practices, the rites of adoration of the ancient gods, considered as demons after the triumph of a new religion, the exclusive spirit of which repudiates all association with the remains of the old worship. The enchanter in this case, far from considering himself an inspired and divine personage, consents, provided he reaps all the benefit of his magic practices, to be nothing more than the tool of the bad and infernal powers. He himself sees devils in the ancient gods evoked by his spells, but he nevertheless remains confident of their protection, he engages himself in their service by compacts, and fancies himself going to a witch-dance in their company. The greater part of the magic of the middle ages bears this character, and perpetuates the popular and superstitious rites of paganism in the

¹ "Others who are conscious what they are doing in other respects are divinely inspired according to the phantastic part. Some indeed received darkness for a co-operator, others certain potions, but others incantations and compositions, and some energize according to the imagination through water, others in a well *sic* (well?), others in the open air, and others in the light of the sun, or some other celestial body" Iamblicus, *On the Mysteries*, lib. II, cap. XIV.

² See a singular account of Moslem incantational magic in Lane's *Modern Egyptians*, Vol. II, the secret of which is still unexplained.

mysterious and diabolical operations of sorcery It is the same with the magic of most Musulman countries In Ceylon, since the complete conversion of the island to Buddhism, the ancient gods of Sivaism have become demons, and their worship a guilty sorcery, practised only by enchanter

We shall be obliged however to return to this last species of magic in another work in order to find how much of the Chaldean traditions has been preserved in the rites and beliefs of the sorcerers of the middle ages But as it possesses nothing ancient, and only appears long after both the others, we need here only mention it in passing without going into details

See Robert Hunter *History of India* cap. 4 He it is shown that an exactly similar process of political antagonism has converted the asuras of the Aryans from angels to become the devils of the Vedas

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CHAPTER VI.

Contrasts between Egyptian and Chaldean Magical Systems

EGYPT and Chaldea are, as we have already said, the two sources of all learned magic for Greek and Latin antiquity, as well as for Jewish and Arabian tradition. But without exactly defining the doctrines of either, we must distinguish, as quite different in their principles and processes, the Egyptian from the Chaldean school. This is almost a truism, and the study of the original documents on either side confirms it. Chaldean magic, as we have explained it, and as it appears to us so closely united in every part, is like the last words and the most learned system of the ancient magic of the primitive ages founded upon the belief in the spirits of nature. Egyptian magic is a theurgy arising from the doctrines of a theological philosophy which had become already somewhat refined.¹ The one began by being the sole worship of a naturalistic and coarse

¹ "The art of divination in Egypt is confined to certain of their deities. There are in this country oracles of Hercules (*Onouris*), of Apollo (*Horus*), of Minerva and Diana (*Neith* and *Nephthys*), of Mars (*Besa*), and of Jupiter (*Amen-Ra*). But the oracle of Latona at Buto (*Sekhet*) is held in greater estimation than any of the rest: the oracular communication is regulated by no fixed system, but is differently obtained in different places." Herod., *Euterpe*, lxxvii. This is a fair example of the inaccuracies blended with facts and disguised by false assimilations with which the writings of the Greek historian abound.—*Ed*

religion, and preserved the imprint of it in spite of the learned appearance that it sought to give to its systematic development, the other is the superstitious conception of a religion higher and purer in its tendencies, and retaining in its subtleties the impress of a higher faith

It is very important to define well this difference, and to make it more clear I think it will be best to glance at the Egyptian magic, giving an outline of its doctrines, and quoting some of its formulæ in order to compare them with the Accadian formulæ that we have already mentioned. This will require some explanation of the fundamental religious beliefs of Egypt out of which magic arose. But such a digression does not appear to me out of place in the study which I am pursuing, for it will mark the character of Chaldean magic stand out more distinctly, without reference to the conceptions upon which it rests. These conceptions differ as much from the Chaldaic Assyrian religion of the entirely historical centuries as from the religion of Egypt, and belong consequently to another heathen source.

However far we go back in the documents relating to the Egyptian religion, we find there, as a foundation, the grand idea of a divine unity. Herodotus affirms that the Egyptians of Thebes recognized a single god, who had no beginning, and was to have no end of days. And this assertion of the father of history is confirmed by the reading of the sacred texts in hieroglyphic characters, in which it is said of this god "that he is the sole progenitor in heaven

and earth, and that he himself is not begotten .¹
 that he is the sole god existing in truth, begotten of
 himself . who exists from the beginning
 who has made all things, and was not himself
 created ”² But this sublime notion, if it was retained
 in the esoteric doctrine, soon became obscured and
 disfigured by the conceptions of the priests and the
 ignorance of the people The idea of God became
 confounded with the manifestations of his power ,
 his attributes and qualities were personified as a
 crowd of secondary agents arranged in a hierarchical
 order, co-operating in the general organisation of the
 world, and in the preservation of created beings In
 this way that polytheism was formed which in the
 truth and peculiarity of its symbols, ended by
 embracing the whole of nature

The Egyptians were interested above all in the
 fate which awaits man in another life They fancied
 they could see in many natural phenomena images
 and symbols of this future existence , but it seemed
 to them more particularly announced by the daily
 course of the sun According to them, that planet
 reproduced each day during its progress the transfor-
 mations reserved for the human soul. It was not a
 strange idea, however, on the part of a people who
 had no knowledge of the true character of the
 heavenly bodies The sun, or Ra, as the Egyptians

¹ The Ancient of Heaven, the Oldest of the earth,
 Lord of all existences, the Support of things, the Support of all things,
 The ONE in his works, *single* among the gods,
 Lord of truth, Father of the gods,
 Maker of men, Creator of beasts,
 Lord of Existences “Hymn to Amen,” *Records of the Past*, Vol II , p 127

² Lenormant, *Ancient History of the East*, Vol I , p 318 “The Egyptians are the
 first of mankind who have defended the immortality of the soul” Herod , *Εὐρώπη*,
 cxxiii

called it, passed alternately from the region of darkness or death into the region of light or life. Its beneficent fires give birth to, and nourish existence, the sun plays then in relation to the universe the part of a progenitor or father, it gives life, but is not itself begotten, existing by itself it is its own progenitor. This symbolism once accepted it increased more and more, and the imagination of the Egyptians sought in the succession of solar phenomena an indication of the divers phases of human existence. Each point in the course of this luminous planet was regarded as corresponding to the different stages of that existence.

But Ra the sun was not considered merely as the celestial prototype of the man who is born, lives, and dies to be born again, the Egyptians, like all the other heathen people of antiquity, regarded it as a divinity, as the supreme divinity, because it was the most brilliant and the greatest of the planets, and its beneficent influence vivified the world. The theological conception of the Egyptians did not stop there, for it subdivided this one supreme divinity, so to speak, into many other divinities. Considered in its different positions and its diverse aspects the sun became in each phase a different god, having its peculiar name, attributes, and worship, this trait of Egyptian mythology is common to all other mythology. Thus the sun during its nocturnal existence was Tum, when it shone in the meridian it was Ra, when it produced and nourished life it was venerated as Kheper. Those were the three principal forms of the solar divinity, but there

were also many others. Since, according to the Egyptians, the night precedes the day, Tum was considered to have been born before Ra, and to have issued alone from the abyss of chaos.¹ Theology reunited the three manifestations of the solar power in a divine trinity, which became the prototype of many other trinities composed of divinities personifying the various relations of the sun with nature, and its varied influence upon the cosmic phenomena.

Anthropomorphism, from which no ancient religion was ever entirely free, gradually intruded itself into these first sabeistic data, and the Egyptians came to consider that the race of the gods was perpetuated in the same way as amongst human beings. They were therefore obliged to divide the divine existence into a male and active principle, and a female and passive principle, and they transported into their theogony their ideas about the respective office of the sexes in the mysterious act of nature by which the species is perpetuated. At the same time their ideas about the sun were extended also to the divinity, which was conceived in a vaguer and higher way, each of its acts was personified as a separate god, as a new divine personage. Of this origin are the deities of a more abstract and philosophic conception, and less closely allied to a fixed phenomenon of nature, as Amen, Nun, or Pthah.

Since navigation upon the Nile was the usual mode of transport in Egypt, the solar trinity, as also the trinity of the inferior hemisphere, the emblem of the other life, was always represented in its progress as

¹ See Pierret, *Dictionnaire d'Archéologie Égyptienne*, art. "Ra ou Phre"—Ed

being carried in a bar. The sun of the Lower Hemisphere took more especially the name of Osiris. Its companions and deputies were the twelve hours of the night personified as so many gods, at the head of which was placed Horus, the rising sun itself, and mythology stated that this god pierced with his dart the serpent Apophis or Apap, the personification of the crepuscular vapours which the rising planet dissipated with its fires. The struggle of Osiris, or Horus his son, with darkness, according to a symbolism found in all mythologies, naturally resembled that of good with evil. This gave rise to a very popular Egyptian fable which is alluded to by several monuments, and which was the starting point for a great religious development. Evil was personified in a particular god, Set or Sutekh, called also sometimes Baal, who was the supreme god of the neighbouring Asiatic populations, and at a later period of the shepherd kings, the Greeks considered him the same as their Typhon, and it was said that Osiris had succumbed to his blows. Having been

These ba k h d differe t names acco d to th det es which were n them
That f the sun Ra was called *U* f the god Pthah *U fekh* of O ns Ba (?) a d
f Khons *Sekh* They often carried process on on the sho lders of the pne ts,
th fig reo fth d ty stand ng nderashn ecover d, tha transp ent l nneveil —Ed

The v orsh p f this god pas ed th o ght ol storical pha es At e time l e
s held in lo and a e unted as of th g e t r god of Abydos He
appears to ha had a po t logos to th f th Eleband ty Me t in h ch
he as the ad ersary f the serpc t Apoph th ymb l f uck d essa d d a k ess
S me tme l te o n co q enc of pol t l cha ges the rsh p of Set was
abol hed d h s stat es d t yed lt s d ffc lt to st te at v hat perod S t as
troduc d t t the O mythos as a p r sificati of e l and becam the
m de f O is Th nt ts of l lous th e ge of l f ther O rns re lated
t s d rabi detail the nptions of th templ f l d f h ch ha e been
p bl hed by M Ed Na ll n f x t r l t f M yth d H r n 1870 The t e tise
(by Pl tarch) D l d et O i l m kes Nephthys the compa n of Set and she s
rpres ted u t d th h m a g p; the M u e du Lo vre Sall de Deu
Th m l symbol cal f Set was a ca s q d ped hav g a l n g e r v d
o t j p nght squa topped ars h ch cha acte s a ften gg ted
t d t u g h m from the jack l of Anub s Per et Dict nate d A ch l me
E p t n —Ed

resuscitated by the prayers and invocations of his wife, the good god found an avenger in his son Horus. The death of Osiris, the grief of Isis, and the final defeat of Set furnished mythology with an inexhaustible fund of fables, which recall those of the various Eastern religions, particularly the history of Cybele and Atys, of Venus and Adonis.¹

When once the course of the sun was regarded as the type of existence in the infernal regions, the reproduction of the same symbolism was all that was needed amongst the Egyptians to constitute the doctrine of the other life, according to which man descends into the tomb only to rise again, and after his resurrection he will lead a new life by the side of in the heart of the luminous planet. The soul immortal like Ra accomplishes the same pilgrimage. We see upon the covers of certain sarcophagi the soul (*Ba*) figured as a sparrow-hawk with a human head, holding in its claws the two signet rings symbolising eternity, and also, as emblem of the new life reserved for the dead, the rising sun attended in his course by the goddesses Isis and Nephthys.² This explains why the solar period, represented as the bird bennu, the lapwing, which the Greeks called phoenix, was the symbol for the cycle of human life, the mysterious bird was reported to accompany man during his earthly race. The dead revived after their pilgrimage in Hades, and the soul re-entered into the body in

¹ See also Herod., *Euterpe*, c. lvi, with Larcher's and Beloe's notes in *loco* — *Ed*

² See Deveria, *Le Livre de l'Hémisphère Inferieur*, in *Cat. Manuscrits*, etc., *Musée du Louvre* — *Ed*

³ See De Horrack, "Lamentations of Isis and Nephthys" in *Records of the Past*, Vol. II, page 117 — *Ed*

order to give it back movement and life, or, to use the language of Egyptian mythology, the deceased arrived finally at the bar of the Sun, where he was received by Kheper Ra, the scarabeus god, and became illuminated with the splendour which he bestowed upon him. The tombs and the coffins of mummies abound in paintings representing the various scenes of this invisible existence. A vignette of the Ritual of the Dead represents the mummy lying upon a funeral couch, while the soul, or the sparrow hawk with the human head, is flying towards it with the handled cross, the emblem of life.

This doctrine may be traced in Egypt to the remotest antiquity—it conduced necessarily to the inspiration of a great respect for the remains of the dead, since they were some day to be recalled to life, and it was the origin of the custom of embalming corpses. The Egyptians made a point of preserving intact, and protecting against all destruction, this body which was destined to enjoy a more perfect existence. They thought also that the mummies thus enveloped were not entirely deprived of life, and the Ritual shows us that the deceased was supposed still to use his organs and members, but, in order better to insure the preservation of the vital warmth, they had recourse to the use of mystic formulæ, pronounced at the time of the funeral, and to certain amulets placed upon the mummy.¹ In general, most of the funeral ceremonies, the various envelopes, the

Cap lxxx. The Chapter of the V t of the S ul to the Body in Hades.—Ed

As subject repeatedly figured. See Sharpe *Bible Text* p. 185.—Ed

¹ Rit. l. Preservation of the Body in Hades—caps. 1 to 11.—Ed

subjects painted inside and outside of the coffin bear reference to the different phases of the resurrection, such as the relaxing of muscles, the new function of the organs, the return of the soul

The belief in immortality has never been separated from the idea of a future reward for the acts of the present, and this may be particularly observed in Egypt. Although the bodies of all men descended into the infernal regions, the *Kei-neter*¹ as it was called, they were nevertheless not all sure of the resurrection. To obtain it they must have committed no grave fault either in deed or thought. The deceased was to be judged by Osiris and his forty-two deputies, his heart was placed on one side of the scales held by Horus and Anubis, the representative scenes of psychology show the image of justice, the god Thoth registered the result of the weighing. Upon this judgment, given in the "hall of double justice," the irrevocable fate of the soul depended.² If the deceased was convicted of unpardonable faults, he became the prey of an infernal monster with the head of an hippopotamus,³ and he was beheaded by Horus and by Smu, one of the forms of Set, upon the *nemna* or infernal scaffold. Final annihilation was received by the Egyptians as being the punishment of the most wicked. The just, purified from his venial sins by a fire, which was guarded by four

¹ Called also the "Amenti," "the place of the gods"

² *Ritual*, cap. cxxv, "The Book of Going to the Hall of the Two Truths, and of separating a person from his sins when he has been made to see the faces of the gods"—*Ed*

³ The infernal hippopotamus-headed goddess Thouernis, the devourer of the souls. The region of Hades was called *Akar*, as distinct from the other mystical regions in the *kei neter*, viz, the *Aahla*, "Fields of Peace," and the *Auh-na'u* or abodes of Osiris.—*Ed*

genu with monkey's faces, entered into the *pleroma* or state of beatitude, and having become the companion of Osiris, the chief of all good creatures (Unnefer), he was nourished by him on delicate food. Nevertheless, the just himself did not arrive at the final state of beatitude without having passed through many trials, because as man he was naturally a sinner. The deceased, descending into the *Ker neter*, was obliged to pass through fifteen pylons or porticoes guarded by genu armed with swords, he could only get through by proving his good deeds and his knowledge of divine things, that was his initiation, and he was condemned to the rough work which is the subject of a good part of the sacred Ritual. He had to enter into terrible combats with monsters and fantastic animals raised up by Typhonian power and bent on evil, and he could only triumph by arming himself with sacramental forms and exorcisms which fill eleven chapters of the Ritual. Amongst other means to which the deceased had recourse in order to conjure these diabolical phantoms, was that of assimilation of his members to those of the various gods, and thus deifying in a manner

Cap cxxv The Gods of the Orbit Extact ye all the evil out of me
blatrate y my faults a h late my sins guard ye and give y me to pass the pylon
t gof m the pl s etc. to h ch the cynocephal dete reply Thou maye t
go we obl t ate all thy faults ve an h l t all thy sin tho hast ben e d f m
the world e d spate ll thy s tl hast e er d thy lf from earth tl hast
d s pated all the s ns h cl d t n d th me t th R sta (a dwell n of O ris)
Th op e t the cr t d ors of the West Tho come t forth a d go st in a th u
shest l ke o e f the spr t ha led daly v th the h rizon —Ed

The Go d Be ng Ave y commo f nere l ttle f the deity Os ri —Ed

C p c l The Bega of the Gate of th Aahlu (Fields of Peace) the
abod of O ris —Ed

Caps cl to cl : Myst cal Amulet

his own substance ¹ The wicked in his turn, before being annihilated, was condemned to suffer thousands of tortures, and under the form of a malevolent spirit he returned to this world to disturb men and to bring about misfortune, he entered into the body of unclean animals ²

The sun, personified as Osiris, furnished then the subject of all Egyptian metempsychosis ³ From the god who bestows and nourishes life he became the remunerating and saving god The myth even went so far as to assert that the sun Osiris accompanied the deceased during his infernal pilgrimage, that he led him to his descent into the Ker-neter, and conducted him to the eternal light Himself the first to rise from the dead, he raised the righteous in their turn, after having aided them to triumph in all their trials Indeed the deceased finished by identifying himself completely with Osiris, and by blending himself, so to speak, with his substance, so that he lost all personality, his trials became those of the god he adored, and from the moment of his death every deceased person was called "Osiris himself" ⁴

¹ Cap xlii, "The Chapter of Turning Away all Evil, and Turning Back the Blows made in Hades" "There is not a limb of him without a god"—*Ed*

² Often that of a pig, as on the sarcophagus of Seti I in the Soane Museum—*Ed*

³ The technical name of this metempsychosis was the *Meskem*, and its nature is dwelt upon in some detail in Bunsen's *Egypt's Place in Universal History*, Vol V p 146—*Ed*

⁴ Cap clxiii



CHAPTER VII

The Magic of the Ritual of the Dead

EGYPTIAN magic was closely connected with eschatological doctrines, and with the development of the Osirian myths which were founded upon them. The soul of the deceased had to assist him during this pilgrimage through the other world, where he was subjected to those trials and exposed to those enemies over which Osiris has already triumphed on his behalf were sacred rites celebrated near his tomb, and liturgical prayers recited, and it was the operation of these conjoined together with a clear conscience, which finally obtained for him a favourable sentence. The efficacy of these invocatory prayers was considered to be extraordinary. They not only rendered Osiris and the gods of his cycle favourable to the soul of the deceased, but they had also the power of applying to it directly the merits of the labours and sufferings of the god of the dead, and of establishing the complete identity expressed by the phrase "The Osirian." Certain chapters of the

Ritual of the Dead are accompanied by formulæ relating to their spiritual efficacy in the sudden changes of the life beyond the tomb, and by directions regarding their use as talismans, which give them at once the character of magical incantations. Such an one follows the chapter which was engraved on all the scarabei wrought in hard stone which were laid upon the breasts of the mummies.¹

Pronounced over the beetle of hard stone which is to be overlaid with gold and to take the place of the individual's heart. Make a phylactery of it anointed with oil, and say magically over this object "My heart is my mother, my heart is in my transformations."

At the end of another chapter, one of the most obscure and mysterious of the whole book, we read

If this chapter is known, he (the deceased) will be pronounced veracious in the land of the Ker-netet, he will do all that the living do. It was composed by a great god. This chapter was found at Sesennou² written in blue upon a cube of blood-stone under the feet of this god,³ it was found in the days of the king Mycerinus the veracious by the royal son Hartatef, when he was travelling to inspect the accounts of the temples. He repeated a hymn to himself, after which he went into ecstasies, he took it away in the king's chariots as soon as he saw what was written upon it. It is a great mystery. One sees

¹ See also caps c, ci, cxi, and cxv — *Ed*

² Cap xlv, "The Chapter of how a Person avoids that his Heart should be taken from Him in Hades" — *Ed*

³ Hermopolis

⁴ "On a brick of burnt clay painted with real lapis lazuli" Birch

and hears nothing else while reciting this pure and holy chapter. Never approach a woman, eat neither meat nor fish. Then make a beetle chiselled in stone and overlaid with gold put it where the individual's heart was, after having made of it a phylactery steeped in oil recite over it magically.

My heart is my mother etc

We see from these examples, to which we might add many more, that some of the most important chapters of the Ritual of the Dead when written upon certain objects placed on the mummy, converted them into talismans which protected the deceased with a sovereign efficacy during the perils which awaited him in the other world, before he attained the resurrection of the blest. Others were destined to the consecration of certain symbols made of substances prescribed in the liturgies, and suspended round the neck of the mummy, rubrics were added to them ordering the manufacture of these protecting amulets, and defining the nature of their influence. Lastly, many chapters of the Ritual are in themselves regular magical exercises for repulsing the monstrous beings in whom the power of Set was manifested, and who strove to ruin and devour the soul of the deceased.

There is really no essential difference between these chapters of the great hermetical book concerning the destiny of man in the other world, which was supposed to be of divine origin, and certain magical

Cap lxiv. Tl Ch pte of com g fo th as tle day —F l

M especially caps x to xl compris g nearly th whole section of the Rt al of the O ad hiel as called The Preservation of the Body n Hades —F l

formulæ written upon leaves of papyrus which are sometimes found attached to the mummies or phylacteries. The texts are of the same kind, but the former only were admitted into the collection of divine writings and the official liturgy for the dead, whilst the latter were probably composed more slowly, and have no place there. We must however remark that the incantations and exorcisms adopted in the Ritual have reference to the protection of the deceased during his subterranean pilgrimage, whilst the single magical formulæ, which were not so highly regarded, were intended to shelter from malevolent beasts, and all possibility of destruction, the mummy itself while resting in the vault, the preservation of which was so important to the destiny of the soul. These formulæ also kept the body from becoming, during its separation from the soul, the prey of some wicked spirit which would enter, reanimate, and cause it to rise again in the form of a vampire. For, according to the Egyptian belief, the possessing spirits and the spectres which frightened or tormented the living were but the souls of the condemned returning to the earth before undergoing the annihilation of the "second death."

Here is one of these formulæ translated by M Chabas - ¹

O sheep, son of a sheep! lamb son of a sheep, that
suckest the milk of thy mother the sheep, do not

¹ Chabas, *Bulletin Archeologique*, 1855, p. 44. Other examples are given in Maspero, *Mémoires sur quelques Papyrus du Louvre*, sec. iv., and by Birch, *Magical Papyrus in the British Museum*, in *Records of the Past*, Vol. VI, page 116.—Ed.

allow the deceased to be bitten by any serpent male or female by any scorpion by any reptile do not allow their venom to overpower his members May no deceased male or female penetrate to him! May the shadow of no spirit haunt him! May the mouth of the serpent Am kahou ef have no power over him! He he is the sheep

Oh thou which enterest do not enter into any of the members of the deceased! O thou which killest do not kill him with thyself! O thou which entwinnest do not entwine thyself round him!

Do not allow the influences of any serpent male or female of any scorpion of any reptile of any deceased male or female to haunt him O thou that enterest enter not into him! O thou that breathest do not blow upon him the things of darkness! Let not thy shadow haunt him when the sun has set and is not yet risen

I have pronounced the words over the sacred herbs placed in all the corners of the house then I have sprinkled the whole house with the sacred herbs and the liquor *hak* in the evening and at sunrise He that is extended will remain extended in his place

We find as a rule in the chapters of the Egyptian Ritual bearing the character of incantations, and in the other magic formulæ for the protection of the dead, that the words are put into the mouth of the deceased, and his chief means of defence against the attacks of the principle of evil bent on his destruction is to deify, as I mentioned above, his own substance, by assimilating his whole person, or

The lq h k is a piece of n of which there were two qualities and of which the best was mpo t d f om Sy 2.—Ed

certain of his members, to the celestial gods, proclaiming that he himself is one or other of these gods. There was indeed a formal belief in ancient Egypt, which is attested by numerous passages from the religious texts, that the knowledge of divine things elevated man to the height of the gods, identified him with them, and ended by blending his substance with that of the divine. Certain mysterious words and formulæ, which were hidden from the comprehension of the vulgar, and revealed only to the initiated, brought about this identification or fusion of substance, by an innate or irresistible virtue, the revelation of which was attributed to Thoth, the god of intelligence. It was only necessary to pronounce these formulæ in the name of the deceased over his mummy, and to place a copy of them by his side in the coffin, to ensure for him the benefit of their influence in the dangers which he had to combat in the lower regions.

When so much power came to be attributed to certain formulæ and sacred words in the other world, it followed necessarily that the same power must be recognized in the terrestrial existence. Since the life after death was but a continuation of the earthly life, and was designed to prepare for a subsequent renewal of it, the ideas which were formed of the one condition were extended to that of the other also. If the type of one was the nocturnal course of the sun in the lower hemisphere, the diurnal course of the same luminary was the type of the other. The trials and dangers of the two states were therefore similar, they were connected with the same hostile power, and explained by the same

symbolism, which necessarily led to the use of the same magical rites in opposing them. In Set was personified all the evil to be found in nature. He was the god of disorder, disputes, and violence, and all destructive scourges, savage animals and venomous reptiles were considered as subject to him. There was a custom of repelling him and his fatal train of evils by recalling the events of the heroic struggle, in which, after having first succumbed, the principle of order and the preservation of life, symbolised as Osiris, finally triumphed. We see this for instance in an incantation against the bite of venomous serpents, which was written upon a small papyrus now in the Louvre collection, which papyrus was rolled up in a case, and worn as a talisman.

He is like Set the asp the malevolent serpent whose venom burns. He who comes to enjoy the light may he be hidden! He who dwells in Thebes approaches thee yield remain in his home! I am Isis the widow broken with sorrow. Thou wilt rise against Osiris he is lying down in the midst of the waters where the fish eat where the birds drink where the nets take their prize while Osiris is lying down in pain.

Tum lord of Heliopolis thy heart is contented and triumphant. Those in the tombs are full of acclamations those in the coffins give themselves up to rejoicing when they see the son of Osiris overthrowing his father's enemies receiving the white crown from his father Osiris and seizing the wicked.³ Come! Arise Osiris for thine enemies are vanquished.

De ena C t lo ue des Man rts FgJfM l Lo e p 71 t seq

T m v a the d fid p rs fi at on of the s n the l e hem sphe e

³ The white crown which as more commonly called the atef crown was a garland addressed with disk plaques and pendants to it was symbolical of the kingdom of Egypt and of the divinity of the gods—Ed

The primary idea of all the magic formulæ which were designed to repel the torments of life and the attacks of malevolent animals (the latter are very numerous) was always assimilation to the gods, an assimilation which sheltered man from danger, and was effected by the power of the words of the enchantment. The virtue of the formulæ lay not in an invocation of the divine power, but in the fact of a man's proclaiming himself such or such a god, and when he, in pronouncing the incantation, called to his aid any one of the various members of the Egyptian Pantheon, it was as one of themselves that he had a right to the assistance of his companions. This is very clearly related in the formulæ of the celebrated Harris papyrus, the object of the studies of M Chabas,¹ a manuscript of the epoch of the XIXth dynasty, which is perhaps a fragment of the magical collection of tracts which were supposed to be composed by the god Thoth, and were therefore included amongst the hermetical books. Here is one of the incantations of this papyrus which was destined to afford protection from the attacks of crocodiles

Do not be against me ! I am Amen
 I am Anhur, the good guardian
 I am the great master of the sword

¹ *Le Papyrus Magique Harris*, Chalon sur Saone, 1860

² Anhur, "That which brings to Heaven" an Egyptian deity, who is always represented as in a marching attitude, and robed with a long dress. He wears a headdress of four plumes, with the usual uræus serpent of celestial deity. He holds a cord in his hands, which is supposed to symbolise one of the forces of the universe. He was a form also of the solar god Shu, and in that character he had for his consort the goddess Tefnut, the Heavenly Cow. He was the Anouris, or Egyptian Mars, of the Greek writers. Anhur was chiefly worshipped in the city and nome of Abot, which was situated in the eastern bank of the Nile, in the Thebaid, and was afterwards called by the Greeks Thinites. (Pierret and Birch) —*Ed*

Do not erect thyself¹ I am Month
 Do not try to surprise me¹ I am Set.
 Do not raise thy two arms against me¹ I am Sothis²
 Do not seize me¹ I am Sethu
 Next those that are in the water do not go out,
 those that have come out do not return to the water,
 and those that remain floating on the water³
 are like corpses on the waves
 and their mouths are closed
 as the seven great secrets are closed
 with an eternal closing

In another incantation, which was directed against various noxious animals, the man who wished to obtain shelter from their attacks invoked the aid of a god, as being himself a god

Come to me O Lord of Gods!
 Drive far from me the lions coming from the earth
 the crocodiles issuing from the river
 the mouth of all biting reptiles coming out of their
 holes¹
 Stop crocodile Mako son of Set!²
 Do not wave thy tail
 do not work thy two arms,
 do not open thy mouth
 May water become as a burning fire before thee!
 The spear of the seventy seven gods is on thine eyes,
 the arm of the seventy seven gods is on thine eye
 thou who wast fastened with metal chains to the bark of
 Ra

As a cobra s r p nt rais s up h mself to infl ct his fatal bite—*Ed*

Mo th or M nt Th solar deity f H monthis H as the g d of war *pa*
x ll ce a d the k os of Egypt freq ntly compar d themsel es to h m battle
 See *R c ds f th P st V I II* pag 71—*Ed*

³ The st r S n s as consecrated t the goddess Is —*Ed*

⁴ Th Egypt a s peopled the river of Hades v th a multitude of infernal and
 ghastly de t v h h are here refe ed to—*Ed*

⁵ See *R t l f the Dead Caps xxxi and xxxii*

Stop, crocodile Mako, Son of Set !

For I am Amen, who makes his mother fruitful !

In the third formula the same thing also occurs, for Horus identifies himself with the enchanter, by entreating the support of Isis and Nephthys in all the perils which could possibly menace an Egyptian in a desolate country house

O thou that bringest back the voice of the guardian,
Horus has pronounced in a low voice the incantation :
" Country ! "

(At this word the animals which threatened him retired) :
May Isis, my kind mother, pronounce the invocation for
me, as well as my sister Nephthys,
May they remain in the act of greeting,
on the south of me,
on the north,
on the west,
on the east !

In order that the jaws of the lions and hyenas may be
sealed,
the head of all the animals with long tails,
who eat flesh and drink blood ,
that they may fascinate (me) ,
to lift up their hearing ,
to hold me in darkness ,
to make me avoid light ,
to render me invisible,
instantly in the night !

These magical words did not communicate divine virtue alone to man , animals also could participate in them for the protection of man, as they caused an

¹ Amen Khem, or the Ithyphallic Horus, one of whose mystical titles was "The Husband of His Mother"—*Ed*

² Query, Is not this a rubric which has run into the original text, as it has often happened to the rubrics and glosses of the Ritual

invincible power to dwell in an inanimate object when it had been charmed as a talisman. Thus we have the formula to be pronounced on a watch dog, to increase his strength by the power of the enchantment

Stand up ! wicked dog !
 Come ! that I may direct thee what to do to day
 Thou wast fastened up art thou not untied ?
 It is Horus who has ordered thee to do this
 May thy face be open to heaven !
 May thy jaw be pitiless !
 May thy strength slay like the god Har sheft !
 Massacre them like the goddess Anata !
 May thy mane be like bars of iron !
 Be like Horus for this and like Set for that !
 Go to the south to the north to the west to the east
 the whole country is given into thy hands
 nothing shall stop thee
 Do not turn thy face against me
 turn it against the savage beasts
 Do not bring thy face in my way
 turn it upon that of the stranger
 I invest thee with a fascinating virtue raise up thy
 hearing
 Be thou a courageous formidable guardian
 Safety ! Word of safety !

In these quotations there appear two facts that have been pointed out by the Greek writers, and which give

Harsheft ter ble fac or ery val ant a su name of Hor s the war io He as the l cal de ty f th He act opol t nome and the Arsaphes f Pl tarch
De I d t O rid —Ed

Anat s A ata as a Sem tic goddess of a v a l i k e cha acte some lat app clun the Bellona of Classic mythology She was represented as a naked woma standing o a l on a d somet me o a crocod I h lding a sp ar or bo and an g a pecul ar crown f med of t ll f athe H or h p v as introd c d i to Egypt p obably about the t me of R m s II afte h s Syriac victorie one of h s daught Bentanath being med afte the goddess —E

quite a distinct character to Egyptian magic. In the first place, there is the absence of demonological development. The Egyptians only admitted into the world of spirits a certain number of genii, who were divided into two antagonistic parties, the one being the followers and servants of Osiris, the other composing the train of Set. On the earth they were merely the natural scourges, the injurious animals that, with the souls of the condemned which returned as vampires, served as instruments to the power of the god of evil. The magic exorcisms did not, properly speaking, combat demons. In the same way the power of the propitiatory incantations was not exercised on the favourable spirits which were inferior to the gods. It was placed at the service of mankind to protect him from the action of the gods themselves.

As to the connection which these formulæ established between man and the gods, that is also expressed in a manner which belongs exclusively to the Egyptian theology. Among other nations the power of magic commanded secondary spirits, and had a coercive action on bad demons alone. The exorcist laid an imperative command on the latter when he told them to retire, but towards the gods, even in the operations of magic, only prayers and supplications were used. In Egypt it was otherwise. Since they admitted that the use of certain sacramental formulæ raised a man to the height of the gods and identified him with each of them, they went on, as an inevitable consequence, to consider these formulæ as containing a force exercisable even upon the most powerful

gods, obliging them to obey its commands. The Alexandrian writers also tell us that the Egyptian pretended to constrain the gods by means of evocations and magic formulæ, to obey their wishes, and to manifest themselves to their sight. The god could not resist the effect of the invocation if he were called by his true name.

One of the Harris papyri gives the text of an evocation of this kind which is addressed to no less a personage than Amen, the supreme god of Thebes —

Descend ! Descend ! to the left of heaven to the left of
the earth ! Amen makes himself king life health
strength he has taken the crown of the whole world
Close not thine ear
The serpents with the oblique walk
may they shut their mouths
And (may) all reptiles be confounded in the dust
by thy power O Amen

The thoroughly Egyptian opinion which is here indicated continued to be held till the later periods of the Pharaonic religion. It is expressed in the writings of Chæremon, who composed under the Ptolemies a treatise upon the sacred science of the Egyptians. "They not only called the god by name," says M. Maury, "but if he refused to appear they threatened him." These formulæ of compulsion of the gods were named by the Greeks "*θεων αναγκαι*." Porphyry in his letter to the philosopher Anebon, expresses his indignation at such a pretension on the part of the Egyptian magicians, and so blind a faith in the power of mere words.

A kh uskh se b This was the usual phrase which followed the names of divine personages and especially kings in the official scriptures. See Birch and Eisele. The Great Harris Papyrus in *Records of the Past* Vol VI page 1.

"I am much disturbed," writes the philosopher, "at the idea that those whom we invoke as omnipotent (beings) should receive injunctions like the weakest, and that while exacting from their servants the practice of justice, they should nevertheless appear disposed to do unjust acts if they are so commanded, and that whilst refusing to grant the prayers of those who have not abstained from the pleasures of love, they should act as guides to any immoral man in unlawful and sensual pleasures '"

This power of magical incantation to compel obedience from the gods themselves became, however, formidable, even to him who exercised it, if he did not show himself worthy to possess it by moral purity and a knowledge of divine things. The romance of Setnau, a curious text of the period of declining Empire, which has been translated by M. Brugsch in the *Revue Archeologique* of 1867, is founded in a great measure,² upon the supernatural catastrophes which assail any one who takes possession of the magic book composed by the god Thoth, before he has been sufficiently prepared for initiation into its mysteries.

It is clear, in consequence of this idea which we are considering, that the use of names would naturally have a great importance both in magic and religion. The Egyptian gods were essentially myrionymous, as the Greeks termed Isis. Two whole chapters of

¹ Porphyry, *ap* Euseb *Piaph Evang* v 7

² See *Records of the Past*, Vol IV, pp 134-136 "I have undergone these misfortunes on account of this book whereof thou sayest 'Let it be given me' Speak not to me of it, for because of it we have lost the duration of our life upon earth" And further on, "Beware of taking the book in question How couldest thou retain it?" in consequence of the force of its extraordinary effects"—*Ed*

the Ritual of the Dead are devoted to the instruction of the deceased in the numerous titles of Osiris, as a help during his travels in the lower world *

The formulæ of the Harris magical papyrus contain constant allusions to the supreme importance which was attached to the names of the gods

I I am the elect of millions of years
proceeding from the inferior heaven
of which the name is unknown
If his name were pronounced on the border of the river
yes! he would consume it If his name were pronounced
on the earth
yes! he would strike out sparks from it
I am Schu under the form of Ra,
seated in the middle of his father's eye
If he who is in the water opens his mouth or snatches
with his arms
I will cause the earth to fall into the water putting the
south in the place of the north
in the whole world

And this one containing a formal evocation —

Come to me come to me! O thou who endurest for
millions and millions of years
O Num only son

Caps lxl a d lxi Fest al of the N m s of the gods —Ed

N t only s t rec d d on som mon me ts of th XIIIth dynasty that they a e
ded cated to c ta n gods n all th name b t the sam is a d n th tabl s f the
god Ptah the d m r g u and Ra th s lar p n c pl fo nd on monume ts of th t me
f Ram s s ll See B rt n *Excerpt Hero typh a pl l l* : Th se th and
nam s s ch as ls is sa d to have p s e s d e e part f the myst cal nat e f the
g ds and d ubt traced some lo cal orde the princip le ts of th lf of
Os ns o r co ded h attributes B ch in Bunsen *E ypt Place n U ers l*
H tory Vol V p 15

O e of the ames f the n n sun He wa p ope ly a de ficat on of the l ght of
the solar disk and rep e nted the sun god Ra tr m ph ng over the Typ o c a d
chaot c powers He v as generally figu ed as v ear n g up n his b e d th h d quarters
of a l on the ideograph of the o d f ce Pe ret *Det d'A ch Egypt*

Or M n m the soul of the gods and make of gods a d men The de ty of the
v fic forc of nat e.—Ed

conceived yesterday, born to-day¹

He who knows thy name

is he who has seventy-seven eyes and seventy-seven ears,

Come to me¹ May my voice be heard

as the voice of the great goose Nadak¹ was heard during
the night

I am the great Bah²

I have, I think, already sufficiently proved the importance in Chaldean magic of the doctrine of the efficacy of the supreme and mysterious name of the gods, but this idea assumed a very different character on the banks of the Nile from that which it held on the borders of the Euphrates. In the Chaldean religion, as well in all the religions of ancient Asia, the mysterious Name was considered a real and divine being, who had a personal existence, and therefore exclusive power over the other gods of a less elevated rank, over nature and the world of spirits.³ In Egypt the traces of an idea attributing such an individual power to the divine name are but rare, and when they occur it is under the influence of the contact with the Semitic religion.

The true and original Egyptian idea was that the mystic name exercised a power upon the god himself to whom it belonged, and that when called by this name he was obliged to obey the incantation. He therefore kept it secret for fear of its being abused, so that only the truly initiated succeeded in learning it

¹ The goose being the mother of the egg out of which the god Seb, the first of the deities, was created

² The deity Hapi or Hapi-moui, the personification of the river Nile — *Ed*

³ Merely as a late Chaldee example of the personification of the theurgic fiat of the Supreme Being, compare the following passages from the Book of Wisdom, vii 25, and Ecclesiasticus xiii 1-7. The connection between these statements and that advanced position of the Jewish Fathers when they endowed the *Memo* with an actual existence and potentiality belongs to the province of the theologian

In the Egyptian magic of early times, as it is explained by the Neoplatonicians, "they considered it necessary," says M. Maury, "even when the magician did not understand the language from which the name was borrowed, to preserve the primitive form of the name, as another word would not have had the same virtue. The author of the *Treatise on the Egyptian Mysteries*, which is attributed to Jamblicus, maintains that the barbarous names taken from the dialects of Egypt and Assyria have a mysterious and ineffable virtue on account of the great antiquity of these languages, and the divinely revealed origin of the theology of these nations.' The use of odd names which were unintelligible to the vulgar, and had been taken, not from their own but from other dialects, or else composed from imagination, may be traced in Egypt to a much earlier date than might at first sight be supposed. We shall meet with many names of this kind designating Set and Osiris, no one of which is Egyptian, in a magical imprecation of a funereal character which is written upon a papyrus in the Louvre of the date of Rameses II. —

O Ualbaga! O Kemmara! O Kamalo! O Karkken
mu! O Aamagoaa! The U'na! The Remu! The
Uthun (enemies) of the Sun! This is to command
those who are adversaries amongst you

He is slain by the violence of the assassin of his brother
He has devoted his soul to the crocodile. No one pleads
for him. But he takes his soul to the tribunal of
double justice¹ before Mamuremukababu²

De ¹12, Cat. I. 1 des Manuscrits Égyptiens du Louvre p. 174
¹ The Hall of the Two Truths

² This is Osiris

and the absolute lords who are with him " ¹

The latter replies to his enemy "O, black-faced lion, with bloody eyes and poison in thy mouth, destroyer of his proper name

of his father, the power of biting shall not again arise in them "

The mystic and magic names, seemingly of a barbarous origin, which are used to designate the gods, hold a very important place in the four last chapters of the Ritual of the Dead, in more perfect copies such as those of the Museum of Turin Dr Birch considers these chapters to have been composed about the time of the XXVIth dynasty, and we can clearly discern in them some Semitic roots We are expressly told that those of the CLXVth chapter are taken from the language of the Anu of Nubia ³ I have also found in a letter of the late lamented Viscount de Rougé some names of a similar kind mentioned as being derived from the dialect of the Négroes (*nahasi*) in the country of Pount, namely, southern Arabia This proves that the magic of the African populations must have exercised some influence upon the magic of the Egyptians at a certain time, and within certain limits The latter in its principle differed greatly doubtless from that of the surrounding nations in doctrine and origin, but in practice it must have borrowed a few rites and names from the customs of the Nubian sorcerers

¹ The forty-two assessors of the tribunal of Osiris

² Lacuna

³ "He is Harupuka-ka-sharu-shabau when mentioned by the land of Hes, which is of the land of An, of the land of the Phut In this way I translate the expression Aabui, which I consider as a word which has been borrowed from the Semitic languages



CHAPTER VIII

Contrasts between the Accadian and Egyptian magic

AFTER having put the reader in the way of comparing for himself the Egyptian and Chaldean magical formulæ, there is no need for me to pursue further the marked difference between the two systems, for this is evident to all students. The fundamental beliefs and ideas of magic superstition in Egypt and Chaldea were as different in their character as were the forms of their incantations.

In the Egyptian documents we perceive no trace of those elementary spirits, some good and some bad, endowed with a distinct personality, which Chaldeans believed to have been spread all over the world, the objects either of propitiatory incantations or the most terrible exorcisms. On the other hand, the Chaldeans in no way entertained the idea of being able to elevate a man into a kind of demigod by means of their formulæ, and of identifying him with the greatest personages of the celestial hierarchy. Neither did they pretend that those formulæ had any power to command the gods or to compel them

to obey Their magic belonged to the intermediate spiritual state, and there its powers were displayed If they required the help of the supreme gods, that was to be obtained by means of prayers and supplications, and not by compulsion, indeed, and we shall refer to this idea again, even their prayers were not all powerful to accomplish the desires of the suppliant unless they were presented to the gods by a mediator True indeed there was a supreme name which possessed the power of commanding the gods, and exacting from them a perfect obedience, but that name remained the inviolable secret of Hea The initiated need never hope to attain to such an awful height of knowledge as he might in the Egyptian system In exceptionally grave cases he besought Hea, through the mediator Sîlik-mulu-khî, to pronounce the solemn word in order to re-establish order in the world and restrain the powers of the abyss But the enchanter did not know that name, and could not in consequence introduce it into his formulæ, even although they were destined to remain for ever concealed in mystery He could not obtain or make use of it, he only requested the god who knew it to employ it, without endeavouring to penetrate the terrible secret himself.

The primitive simplicity of the incantations of Chaldean magic strikes us forcibly when we compare them with those of the Egyptian magic, and this fact gives to them a stamp of greater antiquity Every thing is expressed very clearly and simply without any attempt at obscurity, or premeditated complications The belief in spirits is seen there in its most ancient

and perfect form, without any philosophical refinement as to the divine substance, without a single trace of mysticism, and above all without any allusions to the vast number of mythological legends which fill the Egyptian formulæ, and render them perfectly unintelligible without a voluminous commentary

It is easy on the contrary to understand the magical formulæ in the Accadian language, which were preserved in Chaldea until the breaking up of the sacerdotal schools on the borders of the Euphrates, and which Assurbanipal had copied for the royal library in Nineveh about the VIIth century, B C. They contain no mysteries, and the sacerdotal secret, if there were one, consisted in the precise knowledge of the exact terms of the incantations, sacred from their antiquity, and no doubt also from the idea that they were of divine origin. The formulæ were the work of a people who possessed as yet no esoteric doctrines and no mystical initiations, amongst whom the science of magic consisted simply in a practical acquaintance by the priests with certain rites and words, by means of which they fancied themselves able to establish a communication with the world of spirits, whilst at the same time their conception of those spirits differed from the popular superstitions only by a little more systematic regularity in their position, hierarchy and privileges.

It is for this reason that the Accadian magic preserved, even during the centuries of the greatest splendour of Babylon and Assyria, the appearance of extreme antiquity and the spirit of the earliest ages, by the side of the learned religion which sprang

up later in the same places, and which accepted the existence of this magic by placing in the canon of its sacred books the old Accadian incantations, and giving a place, though indeed an insubordinate one, in its theological system to the geni who were invoked in these incantations. At the bottom, as we shall see, magic was not separated in Chaldea from the religion of the historical centuries, it was a new twig from an entirely different plant which was grafted for good or for evil upon the trunk from the time that its existence was recognized, and tolerated instead of being annihilated. But facts oblige us to see in it also the remains of an earlier religious system, of a still rudimentary and coarse naturalism, which arose from the ideas of a primitive population belonging to a race entirely different from that among which the Chaldaic-Assyrian religion existed. In the civilization which gradually spread over the borders of the Tigris and Euphrates from the fusion of the Sumirians, and the Accadians, the Semito-Kushites and the Turanians, religion and magic were peaceably united, although they originated in the two opposing elements of the people. This I think will be made evident by placing the doctrines of the magic books which were originally written in the Accadian language, and the discovery of which we owe to Sir Henry Rawlinson, in comparison with those of the later official religion and of the public worship, as they appear in many documents.



CHAPTER IX

The Chaldeo Babylonian religion and its doctrines

IN order to be able to compare, with a full knowledge of the matter, the information given us by the magic Accadian texts and the Babylonian religious system, let us begin by examining the latter at the time of its most complete development, namely, during the whole of the historical period termed the Assyrian era, when it received an impulse from the sacerdotal schools which were in full activity under Sargon I and Hammurabi. I shall only need here to resume and complete what I have more minutely explained with quotation and proofs in my *Commentaire des fragments cosmogoniques de Berosé*.

The Babylonian religion, adopted by the Assyrians with only one important modification, was, in its essential principles, and in the spirit which guided its ideas, a religion of the same kind as that of Egypt and nearly all other great heathen religions. Underneath the exterior garb of a coarse polytheism with which it had been invested by popular superstition, were the conceptions of a higher order from

which it had originated, and foremost amongst them the fundamental idea of a divine unity, although disfigured by the monstrous illusions of pantheism, which confounded the creature with the Creator, and transformed the Divine Being into a multitude of derivative gods who were manifested in all the phenomena of nature. Below this sole and Supreme God, since he was the All in which every thing becomes absorbed, were ranged in an order of emanation corresponding to their order of importance, a company of secondary gods, which were no other than his attributes and his manifestations personified. In these secondary divine personages and in their reciprocal nature, may be particularly seen the differences between the chief heathen religions, the first principle of which is always the same. The imagination of the Egyptians was, as I said before, especially struck by the successive stages in the daily and yearly course of the sun, they saw in them the most imposing manifestation of the Divinity, revealing most clearly the laws of the order of the world, and they sought in them their divine personifications. The Chaldaic Babylonians on the contrary devoted almost exclusively to astronomy, read in the whole sidereal and planetary system, the revelation of the Divine Being. Like the Syro-Phœnician nations, to whose religions theirs was very closely allied, they considered the stars as the true exterior manifestations of this Divine Being, representing them in their religious system as sentient persons proceeding from the substance of the Absolute Being, whom they identified with the world which

was his great work. Only, in its definitive form, their religion classed these emanations in a learned and philosophical scale, which must have been the result of deep thought, and which found no counterpart in the religion of Syria and Phœnicia.

The Supreme God, the first unique principle from which all the other gods took their origin, was Ilu whose name signifies "the god" pre eminently. He is the One and the Good whom the Neo platonician philosophers announced as the common source of every thing in Chaldean theology, and indeed the first principle is mentioned as "the god One" in documents of the later epoch, which tell us,⁴ the philosophic language having been completely formed in the sacerdotal schools, that in the beginning the Existing Being (Auv Kinuv) was begotten of the Abyss (Apsu), and the primordial sea (Tiamat) and was worshipped under this name by Nebuchadnezzar.⁵ But this belongs to a philosophical development of quite recent date.⁶ In the religion of the classical ages of the basin of the Euphrates, the idea of Ilu was too comprehensive

In the Accad an *D neira*

Anon. *Compend de D ctr Ch ldaic* see Stanley *Histor Philosoph* Vol II p 115

³ O rath r the god whose scale n the numencal theological system of the Chaldeans was epe e t d by the sig | a s gl st oke v hch also ind cated the sacred cycle 60 Damasc. *De Pri* p 125 p 381 ed Kopp

⁵ Inscription of Bors ppa col I 1 B A I I 31 4

⁶ The d scovery of the C eat on Tablet by Mr G org Sm th confirms and ll strates the p tion of M Leno m nt, and v hle t ac ng the development of the Assyrian lmo t a d ficat o of th p wers of at e analogous to th arlier hymns of the Rso Veda y t at th same t me proves that that theo et cal e planation v as of a subs q e t nt d ction into the f ith of Mes potama as the cosmogo y is most c mpl x a d involv d I shall add th st t fr m Fox Talbot s tra lat o at the nd of ths chapt r a d m st r fe th read r t the orig nal pap r f om which t is e tracted in the *Tr ns cti ns f th S ci ty of Bull c l Archæ l gy* V I IV p rt II—Ed

and too vast to receive a very definite exterior form, and consequently the adoration of the people, the Greeks found in him on that account a certain analogy with their Cronos, to whom they likened him. It seems that in Chaldea no important temple was especially dedicated to him, although to him Babylon owed its name of Bab-Ilu' or in the Accadian *Ka-Dingira*. The personality of Ilu was not clearly defined for a long time, his office and title as "God One" were at first given to Anu, "the ancient god," and the first person of the supreme trinity, which was afterwards held to emanate from Ilu, the priests did not distinguish the primordial principle from the chief of this trinity. It was only amongst the Assyrians that the worship of a "*deus exsuperañtissimus*," the source and principle whence all the others originate, took almost as important a place as in that of Ahuramazda amongst the Persians, in the person of their national god Assui, from whom the country itself derived its name.

Next to Ilu, the universal and mysterious source of all things came a trinity composed of his three first exterior and visible manifestations, which were placed at the summit of the scale of the gods in the popular worship, Anu, the primordial chaos, the god of Time and the World, (both χρόνος and κόσμος) uncreated matter issuing from the fundamental and unique principle of all things, Hea, the intelligence, or we would willingly say "the Word," which animated matter and rendered it

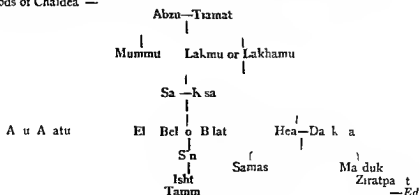
¹ Bab-ilu, "The Gate of (the God) Ilu" The Babylonian name from whence, by an ironical alliteration, the name of Babel, "Gate of Confusion," was derived by the Hebrew historians — *Ed*

fertile, which penetrated the universe, directed and inspired it with life, being, at the same time, the king of the element of water, in one word, "the Spirit which moved upon the face of the waters," and, lastly, Bel the demiurgus and ruler of the organized universe. Damascius describes this great trinity among the Chaldeans, and designates the personages by the Accadian appellations of Anna (*Avos*), Hea (*Aos*) and Anu (*Il-ivos*). These three coequal and co substantial divine persons were not of the same degree of emanation, but they issued on the contrary one from the other. Hea from Anu, and Bel from Nuah.

Corresponding with each of the gods of the supreme trinity was a feminine divinity, his second half, the passive form, or, to use the expression in many inscriptions, "the reflection." Thus, in India, the great Trimurti³ of the male gods is reproduced in the feminine trinity, or the Sakti Trimurti. And so in Chaldean mythology Anat or Nana answered to Anu, Belit to Bel, and Davkina to Hea, but the

De Princip 125 p 384, ed. Hopp

According to the results of the most recent scholars the following is the pedigree of the gods of Chaldea —



³ N ably of Elepha ta ca Salsette Brahma c at V shnu preserver
S va, destroy —Ed

distinction between these three female personages was much less clear than that existing between the three male gods. They were often confounded one with the other, and in reality they ultimately become but one, Belit, who was almost always mentioned to the exclusion of the other two in the incantations to the cycle of the great gods. Belit was the principal feminine element of nature, the humid, passive and fertile matter which perpetuates the race of the gods and human beings.

In an Assyrian inscription of Sargon II Belit is said to grind to powder the elements of the world like paint. Her principal functions are those of "The sovereign goddess," "Lady of the lower abyss," "Mother of the gods," "Queen of the earth," "Queen of fertility." As the primordial humidity from which everything proceeds, she was Tamti, "the sea," as the chthonian and infernal goddess, Allat or Um-Uruk, "the mother of the town of Erech," the great necropolis of Chaldea. Lastly, in the astronomical world she revealed herself as Istar, but in this last manifestation she took a more distinctly personal character than in the others, and was allotted a special place in the hierarchical system of the pantheon.

After the first Trinity, which represented the genesis of the material world, and issued from the substance of the Divine Being himself, the series of emanation was continued, and thus produced a second trinity. The three personages composing it abandoning henceforth the general and undefined character of those forming the first, and assuming a decidedly

sidereal aspect, they represented those celestial bodies in which the Chaldaic Babylonians saw the most remarkable exterior manifestations of the Divinity, namely, to quote them in their hierarchical order, Sin, the god of the moon, the son of Bel, Samas, the sun, the son of Hea, and lastly, Bin, the god of the atmosphere and its phenomena, of the winds, of the rain and thunder, the son of Anu

These were the three trinities, "each composed of a father or first principle, a power, and an intelligence," *pater, potentia et mens*, which the philosophers of the Neoplatonician school, who thoroughly understood the Asiatic religions, tell us were regarded by the Chaldeans as emanating from the One and Good "*unum et bonum*," and as constituting the foundation of their religion. And further, since the Chaldaic Babylonians, like the Syro Phœnician nations, never recognised a god without dividing his substance into a male and female principle, each of the deities forming the triad of the most important celestial bodies was thus assisted by his spouse. With Sin was united "the supreme lady," whose name we are not yet sure of pronouncing correctly, with Samas the goddess Gula, triform as personating the moon, and who was sometimes replaced by a group of three spouses of equal rank, Malkit, Gula, and Anunit, and, lastly, the companion of Bin was the goddess Sala

Anon *Compend de Doctr Chaldæe* see Stanley *Histo Philosph* V 111 p 1125 Damasc. *De Principiis* 111 p 345 ed Kopp Lyd *De Mensib* IV 78 p 11

So in Greco Roman mythology the moon was similarly regarded as a triform goddess and the names of Diana, Luna, and Hecate a triad often represented in the bronze and marble statuettes—Ed

In the descending scale of the emanations, and the supreme hierarchy of the pantheon, the gods of the five planets had the next place. viz, Adar (Saturn), Marduk (Jupiter), Neigal (Mars), Istar (Venus), and Nebo (Mercury). As the planets Venus and Mercury each have different aspects in the morning and evening, the Chaldeans admitted later into their astro-mythology a double Istar, and divided the god Nebo into two persons, Nébo and Nusku. The four who were considered as male gods, Istar being a goddess, had each a feminine companion to complete their powers by a conjugal union. Zarpanit being the consort of Marduk, Laz of Neigal, and Tasmit of Nebo, as to Adar, he was represented as both the son and spouse of the great goddess Belit.¹ Istar also possessed a mysterious spouse, Duzi or Dumuzi,² who was stolen from her in the flower of his youth, and whom she goes to seek in the depths of the infernal regions into which the dead descend, this, however, does not hinder him from indulging in many other passions, of which the mythological legends do not scruple to give some scandalous details.³

With these planetary personages ends the series of the twelve great gods who constituted the true Chaldaic-Babylonian Olympus, the superior order of that divine hierarchy, the twelve who were called by

¹ In the same manner and by the same idiom as the god Horus-Khem was called "The Husband of his Mother" in Egyptian mythology — *Ed*

² The Adonis of the Greek writers, "the Tammuz yearly wounded" of Milton and the poets — *Ed*

³ See for these Smith's important translation of the Archaic-Chaldean legends in the *Chaldean Account of Genesis*, 1875, and Sayce in the *Astronomy of the Babylonians*, 1874 — *Ed*,

Diodorus Siculus in a very correct explanation of the astronomical theological Chaldean system, "masters," or "lords of the gods," and who were said by him to preside over the twelve months of the year and the twelve signs of the zodiac. They were generally mentioned alone as objects of a public, official, and universal worship throughout the country, and their titles form part of most proper names, but beneath these great gods, the theology and mythology of Babylon and Assyria recognized legions of *dei minores* which represented inferior orders of emanation, but which do not appear to have been arranged as regularly as were the chiefs of the hierarchy, they formed quite a nation of gods which always remained rather confused, and were worshipped only in certain places. Minor divinities of this kind are mentioned in the cosmogonic story of Berossus in company with Bel, they are said to execute his orders, and to aid him in his work as demiurge. The mythological and astrological tablets give a great number of divine names which must be referred to this class. Those above all should be studied which contain the genealogies of gods, and particularly that precious fragment of a cuneiform text in which the divinities subordinate to the great gods in the principal sanctuaries of Babylon and Assyria are enumerated temple by temple.³

Many names which were given in the inscriptions

II 30

The twelve are arranged in the following order: Anu, Bel, Nuah, Belit, S Samas, B Adad, Ma duk, Ne gal, Istar, Nebo. The best work of reference for English students of these Chaldeo-Greek mythological texts is Cory's *Ancient Fragments*, a most concise and admirable little work edited by an admirable Greek scholar, now too rarely referred to—Ed.

as belonging to distinct personages were, no doubt, found upon the other mythological tablets as titles of the great gods. Popular worship only gave them a distinct existence, and, in the general and scientific system of religion, they were considered as diverse forms of the same divinity. But some of the *diu minores* have a right to be considered distinct personages, as they perform functions of a certain importance. Such were Serakh, who was also called Nûba, the god of harvests, Manu the great, who presided over fate, as also the goddess Namit, Papsukul, the messenger of the great gods; Bau, the personification of chaos, Martu, the west, the son of Anu, Asmun, Samila; Usu; and many more that it would take too long to mention. Together with them were some local gods of rivers or towns, the adoration of whom never became general in the country, and to whom, in the definite classifications of the pantheon, no higher place was assigned, Subulat, the god of the Euphrates, and Ztak, god of the Tigris, Serrakh of Kîs, Kanissura of Cutha; some of the latter being even of foreign origin, and therefore we find certain gods belonging to the Elamite frontier worshipped in the eastern provinces, such as Laguda at Kîsik, and in other places Susinka, and Lagamar or Lagamal.¹ The ancient gods of the purely Accadian age were also consigned to the confused crowd of *diu minores*, and their worship consequently abandoned, but they continued to be mentioned in the magical books

¹ From whence the name of the early conqueror Kudur Lagamar or Chedorlaomer was derived. Gen. xiv. 1.—*Ed*

which are preserved, traditionally the remains of another religious phase to be examined shortly

We must distinguish the long series of stellar personifications, representing "the celestial mansions and the whole army of heaven," namely, constellations or stars viewed singly, from the gods grouped beneath the supreme cycle as inferior powers and emanations. These corresponded with the astrological and apotelesmatical conceptions, with which the Chaldaic Babylonian religion had been imbued from the earliest ages in a higher degree than any other religious system of the ancient world. These personifications were distributed into classes and arranged according to their importance and their attributes in a systematic hierarchy, the construction of which is very clearly explained by Diodorus Siculus and of which we shall hereafter give a detailed account in our book on astrology. They were not all counted amongst the gods properly so called, many stars being regarded only as animated by supernatural beings under the orders of the great gods, thus continuing the chain of emanations in a lower degree, and while they still participated in the divine essence, approaching near to humanity, and consequently interesting themselves pre eminently in the human race.

In this new sphere were ranged the four principal classes of protecting genii—the Sed, Alap, or Kirub, who was represented as a bull with a human face, the Lamas or Nirgal, as a lion with a man's head, the Ustur, after the human likeness, and the Nattig

with the head of an eagle, the emblems of these four classes were adopted by the prophet Ezekiel¹ as those of the four symbolical creatures which supported the throne of Jehovah in his wondrous visions by the river Chebar. Next above them were the angels or spirits, divided into two groups—the Igîlî or celestial spirits, and the Anunnakî or terrestrial spirits. A tablet from the library of Nineveh gives the names of seven supreme and magnificent gods,² fifty great gods of heaven and earth, three hundred spirits of the heavens, and six hundred spirits of the earth.³ The admission of these choirs of angels and genii beneath the gods, justified the people of that epoch in admitting the demonology of the ancient Accadian books into their religious system, and in placing amongst the sacerdotal sciences the magic of the ancients, who, knowing nothing of the supreme gods of the Assyrian hierarchy, were contented with an earlier religious system, and whose only theology was a system of gods and elementary spirits, of which some were good and others bad.

APPENDIX I

Tablet I of the Creation Series

- 1 When the upper region was not yet called Heaven,
- 2 and the lower region was not yet called Earth,
- 3 and the Abyss of Hades had not yet opened its arm,
- 4 then the chaos of waters gave birth to all of them
- 5 And the waters were gathered into one place

¹ Chap. i. 10, and x. 14

² These are evidently the two superior male triads with Belit, as they are seen in many inscriptions

³ G. Smith, *North British Review*, January 1870, p. 309

- 6 No men yet dwelt together no animals yet wandered
about
7 none of the gods had yet been born
8 their names were not spoken their attributes were not
known
9 Then the eldest of the gods
10 Lakhmu and Lakhamu were born
11 and grew up
12 Assur and Kissur were born next
13 And lived through long periods
14 Anu —*H Fox Talbot*

APPENDIX II

*Extract from a letter to The Academy March 20 1875 by
the Rev A H SAYCE on the Creation Tablet*

Now the story of the Deluge discovered by Mr Smith has so fully demonstrated the good faith of Berosus in transcribing the early legends of Chaldea we may accept without hesitation his account of the Babylonian cosmogony in all its details even though monumental corroboration of it were still wanting The cosmogony however belongs to a period of reflection and systematisation

* * * * *

Sige it is stated was the primitive substance of the universe from whom came *Apason* and his wife *Tavthe* the mother of the gods She bore her firstborn *Moumis* the intelligent world and afterwards *Dakhe* and *Dakhos* together with *Kissare* and *Assores* of whom were born the triad *Anos* *Illinos* and *Aos* *Bel* the demiurge being the son of *Anos* and *Davke* Now *Sige* is the Accadian *Zicu* or *Zigara* the heaven the mother of gods and men while *Apasôn* is *Apsu* the deep and *Tavthe* *Tihantu* the sea Similarly *Moumis* is *Mami* the waters *Assoros* being *Assur* with his wife *Seruá* The triad as well as *Davke* and *Bel* are familiar personages in the inscriptions

* * * * *

Dr Ewald has shown that the basis of the Phœnician cosmogony (or rather of the various cosmogonies, which a syncretising account fused into one) is the Trinity of *Baan* (or Chaos) Spirit (or Desire) and *Môt* *Môt* is interpreted "slime" and is elsewhere termed *Ulâmos*, or Time, and also the "Egg," out of which heaven and earth have been produced. The Trinity corresponds exactly to the old Accadian Trinity of Na or Anu "the sky," Ea or *En-ci*, "the earth," and Mul-ge, "the lord of the under world" Mul-ge is the Bel of Semitic Babylonia, and to him were assigned the functions of a demiurge or creator. Hea was "the lord of life" and "knowledge," as well as "of the deep." He too was "the spirit of wisdom" that brooded over the abysmal waters, and penetrated through the universe, understanding all secrets, and presiding over all theurgic action. His wife, Dav-cina or *Daukê*, "the female earth," was identified with *Bahu*, and herein we have a curious analogy, not only to the passage of Genesis which states that "the earth had been waste and desolate, and darkness upon the face of the deep, and the spirit of God moved upon the face of the waters," but also to the Phœnician system with its spirit *Môt* and *Baan*. *Baan* is said to have been the wife of the wind *Kolpia*, and we thus get a striking resemblance to the Chaldean Triad of the Demiurge, the sky and the earth whose spirit broods over the abyss and is wedded to *Baan*. Even the language of the Biblical account, in which *Elohim* "carves" the heaven and the earth out of a primeval chaos, his spirit brooding over the deep and wasteness of the earth, shows a similar colouring. The likeness is increased when we recollect that the week of seven days originated among the Accadians, and that each seventh day was one of "rest," on which certain works appear to be done."



CHAPTER X

Development of the Chaldean Mythology

THE perusal of such an explanation of this learned and cleverly contrived system as we have just given, following closely the indications of the texts, and giving no play to conjecture or imagination, will suffice to show that it could not have been a very primitive one, and that it must have exacted an immense effort of religious and philosophical thought, which was probably the work of many ages in the sacerdotal schools. And although, through a deficiency of documents, much is still required to complete our knowledge of the ancient history of Chaldea before the development of the Assyrian power, it is sufficient to justify us in affirming that the definitive system of the Chaldaic Babylonian religion, with its divine hierarchy, and its series of successive emanations, was the result of a great sacerdotal movement. It nearly approached a religious revolution, and corresponded in more than one particular with the transformation which the early

Vedic religion underwent in India under the influence of the Brahmin colleges. Like the latter it was the work of a firmly constituted priesthood, accustomed to the most abstract speculations of thought, and to meditation on the great religious problems, as they presented themselves to minds imbued with pantheistic prejudices, we shall examine later the origin of this priesthood, which was also the source of its religious supremacy. We can even fix the date of 2000 B C, at the commencement of the dynasty of Agane in Babylon proper, of which Sargon I was the chief, as about the time when the religious evolution which we are considering, having nearly arrived at perfection, definitely triumphed, and extended its empire over the whole country. The establishment of the same rule in the northern and southern provinces, in Chaldea and in Babylon, first under the dynasty of Agane, and then under the new family which Hammurabi placed on the throne by his conquests, very much facilitated its triumph.

There are many monuments still remaining of the earlier state of the religion. In the numerous inscriptions of the first dynasty of the ancient Chaldean empire which have been handed down to us, we find no trace of the learned system of the Olympus¹ mentioned in the books which are supposed to have been written during the epoch

¹ The Olympus of the Accadians has just been illustrated by a translation of "The Hymn to the Mountain of the World." It was a mountain on the summit of which the gods resided, in the interior of which was Hades, the land of "No return," surrounded by seven walls guarded with only one door each. In the midst of Hades issued the river of the water of life, by drinking of which the goddess Ishtar obtained immortality, and was allowed to return to earth after her journey in search of Duzi. See a notice of this discovery by Mr. Boscawen in *The Academy*, No. 187, December 4, 1875.

of Sargon I. The names of the gods are the same as they were later, but these divine personages were not as yet connected with each other by the bonds of the theological system we have just explained, or grouped and arranged according to degrees of importance and emanation from a regular hierarchy. Their attributes were much less definite and distinct than they afterwards became, there was more resemblance amongst themselves, and, above all, they were of an almost exclusively local character. Each of them was worshipped alone with his wife in a town, where he continued to have his principal sanctuary even to the end, and in that town he was looked upon as the first of the gods. Anu reigned thus in Erech with Nana,³ Bel⁴ with Belit⁵ in Nipur, Sin with Nana, in Ur, Samas⁶ in Larsa of Chaldea, and Sippara of Babylon, where he was united with Anunit, Marduk and Zarpanit were the special deities of Babylon, Nebo of Borsippa, where, as an exception, Nana was his spouse, and Nergal and Laz were worshipped at Cutha. When the dynasty of Ur exercised an actual supremacy over the whole of Chaldea, this supremacy was represented in the religious hierarchy by its giving the pre-eminence to Sin,⁷ the patron god of the town, but the same pre-eminence passed to Samas when the power belonged to the king of Larsa. No inscriptions

So in Egypt all of the polytheistic and triad of the different names became ultimately regarded as different and emanant — *Ed*

In the Accadian *Anna*.

³ In the Accadian *Dnir*.

In the Accadian *Mlg*.

⁵ In the Accadian *Am*.

⁶ In the Accadian *Ud*.

⁷ After whom many early kings of Babylon were named such as Naramsin the successor of Sargon Rimsin and Adas. See Smith Early History of Babylon *Records of the Past* Vol III pp 15 17 — *Ed*

of those distant ages (between 3000 and 2000 B.C.) unite the cycle of the great gods in the same worship, as was so often done in later times. The collections of Accadian liturgical hymns, accompanied by an interlinear Assyrian translation, which we have given elsewhere,¹ belongs to the same state of things and the same historical period. The able researches of the Count de Vogué² have proved that the religions of the nations of Syria and Palestine always remained in this state, and were never exposed like those of the lower Euphrates to the influence of the work of a sole and powerful sacerdotal corporation.³ The formula belonging to them, and given by the eminent Academician (now unfortunately for science made an ambassador) could be applied without any modification to the form of the Chaldaic-Babylonian religion previous to its classification, which was really very artificial in many ways. They constituted a group of religions closely connected with each other which may be termed Kuschito-Semitic or Euphratico-Syrian, and they all show the same fundamental data, and have many of the names of their gods in common. This family is one of the most distinctly marked which we can find in the science of the religions.

We see the idea of a sole and universal Divine Being, manifested in the natural world, which is really himself, emanating from his substance and not

¹ Un Veda Chaldeen, in Vol II of my *Premieres Civilisations*

² See De Vogué, *Mélanges d'Archéologie Orientale*, pp 51 and 57, and also Lenormant, *Manuel de l'Histoire Ancienne de l'Orient*, 3me Ed, Vol III, pp 127-303, and 352

³ M. Lenormant has shown in his *Lettres Assyriologiques*, Vol II, that the ancient religion of Arabia bore the same character

created by him, spread everywhere as the foundation of all religion, and it certainly was the primordial notion of it. But the nature of this god, as in all the ancient pantheisms, was to be at the same time one and many. He was a divine nature working in all the universe, the author of all physical life, destroying his work each year, to renew it afterwards, at the change of the seasons, and following out the pantheistic idea of his nature, he was considered to perform these operations of destruction and renovation not in a world distinct from him, but in his own substance, by a reaction upon himself. A divine name and a distinct person, which became in its exterior form a special personification, corresponded with each phase of these operations. Hence a primitive development of mythology which had taken a local character even upon the borders of the Euphrates and Tigris, until the time of the great work of unification and classification which neither Syria nor Phenicia experienced. Each tribe and town contemplated the Divine Being under one particular aspect, as a certain phenomena of nature or as one of the principles admitted by the coarse philosophy of the time. The result was a corresponding number of gods all different in appearance, but any one who studies them attentively will find that they soon blend one with the other, and return to the primordial unity of the divine substance.

This nature god had necessarily a double essence, since he was the cause and prototype of the visible world, and united in himself and possessed the two principles of all terrestrial generation, the active and

passive, or male and female principles; this conception of duality in unity necessitated the duplication of the symbols, and thus gave rise to the idea of feminine divinities. In the religions of the Euphratico-Syrian group, the goddess was termed the "manifestation" of the male divinity with which she corresponded. She did not differ from him in any essential point, she was, so to speak, a subjective form of the primitive divinity, a second divine person, distinct enough from the first to be able to form a conjugal union with him, yet at the same time no other than the divinity himself in his exterior manifestation. This general conception of the feminine divinity was subdivided, like the male divinity, into a number of local or attributive personifications. In Chaldea and Babylon, as in Syria and Palestine, every god was necessarily accompanied by a goddess who corresponded to him. The divine personages were not generated separately, but in couples, and each of these couples constituted a complete unity, a reflection of the primitive unity, the two personages which formed it were therefore reciprocally complementary one to the other. When the god had a solar character, the goddess had a lunar nature. If one presided over the day, the other presided over the night. If one personified the active elements, fire and air, the other represented the passive elements, water and earth.

In this common foundation of the Euphratico-Syrian religions, the divine forms were somewhat vague, undecided and wavering. The gods of Chaldea and Babylon, as they come before us in the

most ancient inscriptions, and in the collection of Accadian liturgical hymns, before the great work which defined their respective rank and attributes, resembled those Syrian gods of whom it has been justly said that they had "no firmness of outline, no perceptible determination, nothing to recall the life and personality of the homeric gods, that they were more like those gods of the infant Aryan race, like the feeble divinities of the Vedas, amongst whom Varuna, Indra, and Agni were so often confounded with one another, and the god invoked, be he Indra, Savitri, or Varuna, was always regarded as the highest and most powerful of the gods. By distributing them later into the learned hierarchy of emanations which we have examined by giving to each a more distinct personality with a clearly defined office, by, so to speak, localising each of them in one of the great heavenly bodies, their primitive nature was sometimes much modified in a way that we can in certain cases thoroughly appreciate. Thus I think I have proved, and, indeed, it is a generally admitted fact that Adar Sandan, the Chaldean Assyrian Hercules, who was considered then as the god of the planet Saturn, was originally a solar personification, he retained even in his new character the features of his first physiognomy, and the mythological tablets still called him "the Sun of the South." In general one may say that in the earliest state of the Chaldean Babylonian religion, as also in the

J Soury in the *Revue des Deux Mondes* of February 1 187

Faade's Entwurf der Elemente der Kosmologie de B rose p 110 and the following pages

Syrian, the great majority of the male gods were solar deities although, in many cases their physiognomy was much changed in order the better to individualise them, and to make them agree with the newly formed hierarchical system. By way of compensation, the planetary point of view which plays so important a part in the next stage of the religion, hardly appeared during the first epoch, and the influence of the astrological ideas with which it was connected did not begin to predominate in religion until the time of the evolution already mentioned, and then it grew in a great measure out of the new ideas. The only divinity who showed a very decided planetary physiognomy from the earliest times was Istar. In like manner nothing is clearer nor better established than the solar character of her spouse Duzi or Tammuz: he was early recognised in the religion of Phenicia, and had a much more important part there than in the Babylonian mythology. Gods who died and revived periodically belonged to the worship of ancient Asia, and were personifications of the sun in the successive phases of his daily and yearly course. Such was originally Marduk, the tutelary god of Babylon, who was afterwards localized in the planet Jupiter, for he also died to return again to the light, and his tomb was shown in the pyramid of Babylon. His ancient Accadian name of Amar-utuki, changed in the Semitic language to Marduk, signified "the light of the Sun." Bin himself was still termed in some astrological documents the "Sun of the South upon Elam." The principal Epopee of Babylon was

composed on a like basis, Izdhubar or Dhubar, its principal hero, was a solar personification, and his twelve great adventures corresponded with the twelve signs of the zodiac

Some male gods, however, were from the remotest times of the Chaldean Babylonian religion exceptions to this common solar character. Sin was the moon, and he bore her name in the Assyrian, he was regarded as both masculine and active, that is to say, in connection with the earth, for the moon was considered to be feminine in connection with the sun, as we saw in the couple Anunit or Gula and Samas. In his great sanctuary of Ur, Nanna was his spouse, she was a chthonian goddess personifying the earth, and this connection is clearly expressed by her Accadian name of *Ilur ki*, peculiar to the worship of the town of Ur, meaning 'that which illuminates the earth'. On account of the double aspect assumed by the moon according to the point of view from which it is observed, it was represented in many mythological legends, the most important of which has been preserved by Ctesias, as an androgynous god like Men the lunar god of the religions of Asia Minor, whom he very nearly resembles.

In Anu was realised during the earliest period of the religion of the Euphrates, the idea of a cosmic and uranic god, who was at once heaven, earth and time, a deity termed by the Greeks in *Æon*, in speaking of

See Le Dige et le peuple babylonien in *V 1 II of myl emid et Cilt atis*

At least it is so translated in the Assyrian but the original meaning of the name *Ilur ki* seems still more expressive. He who extends his action over the earth he who broods over the earth

the Asiatic worship, and by the Romans *Sæculum*, he was the same as Ulom or Eschmun of Phenicia, Marna of Gaza, Baal-haldim of the other parts of Palestine, and lastly, the Arabian god Audh or Hobal.¹ He was "the Ancient of days," and of all the divine personifications admitted into the Euphratico-Syrian religions he was the most comprehensive and the most nearly allied to the notion of primordial unity, but at the same time also the most vaguely defined, he was a little like the Vedic Varuna² and the Ouranos of the more ancient Greeks. From the time of the oldest Chaldean dynasties, as also at the beginning of that stage which saw the complete classification of religion, he was made the first principle in connection with other gods, and the author of all emanations, indeed he possessed all the qualities which were afterwards given to Ilu, when that deity was distinguished from Anu by a new effort towards the abstract conception of the divine being, and this is the reason why Anu was called pre-eminently "the Ancient," "the Progenitor," and "the Father of the gods."

I could apply these observations also to the personages Bel and Hea, and pass all the gods of the Chaldaic-Babylonian pantheon successively in review, seeking the most ancient idea of each which it is possible to obtain. But to do this would require a regular treatise on the mythology of the basins of the Euphrates and Tigris, which I have not undertaken in this book, and therefore I can only now examine

¹ On this conception, see my *Lettres Assyriologiques*, Vol II, p. 164-178

² For a further analysis of the deities Ouranos and Varuna, see Cox, *Mythology of the Aryan Nations*, Vol I, pp. 334, 349, 357, and 327, 330, and II, pp. 12, 215. Also Hodges Edition of *Cory's Ancient Fragments*, pp. 10-14.—Ed

such questions incidentally and as they are connected with my subject. The foregoing examples suffice, I think, to show the nature and spirit of the Chaldeo-Babylonian religion in its ancient form, and its identity with the religions which continued to predominate in Syria, Phœnicia, and other countries inhabited by the same race.





CHAPTER XI.

The religious System of the Accadian magic Books

NOW that we have, by means of numerous documents, thoroughly studied and mastered the system of the religion which was imported into Assyria from Babylon and Chaldea in its two distinct stages, first after the great sacerdotal reform had introduced into it a learned and philosophical hierarchy, and also in its earlier and ruder state, an examination of the ancient Accadian magic books seems to transport us into an entirely new world

We no longer hear of the same gods, some of the names, which afterwards disappear entirely from the invocations and the mythology,¹ which have not even a settled and generally received equivalent in the Assyrian versions, play an important part in the magic texts. Certain gods, whose titles were to be found in the pantheon of the public and official

¹ At least, those names which keep the purely Accadian form and have no Semitic equivalent, only appear in the divine genealogical tables, where a place has still been left them, but it is quite a subordinate place, and does not correspond at all to their ancient importance

religion, or whom the Assyrian translators had likened indifferently to some of the personages of that religion, appear as a rule, in these texts under an entirely different form, and with entirely different attributes, and further what is particularly remarkable, the sidereal personifications, with the exception of the sun who holds so high a rank in the regular and well organized system of the theology of the great sacerdotal schools, and to whom that theology attributes the government of the world and the ordering of events, have no place in the incantations and hymns of the magic collections. At the most we only find a passing mention of the sidereal deities in a very small number of formulæ amongst the invocations at the end after the sacramental words

Spirit of the heavens conjure it! Spirit of the earth
conjure it!

While lastly, it is a remarkable fact, which we shall endeavour to explain further on, and which gives a peculiar character to these passages, that not the sidereal gods themselves are invoked, but their spirits, which are imagined to have a distinct existence

So at the end of an incantation against the plague

It certainly a very remarkable fact that no mention is made of the god of the moon or of its Accadian names of *Alu* and *H* except in the incantation which I quote here and the incantation translated further below where the conjuring is in an epic form of the usual Chaldean style.

This was certainly the position of the god *Saba* mentioned in the conjuration of the heavenly bodies. It is by the least familiar Chaldean school of Greek philosophy the *Astros* is taught that the planet moved of the *planets* is not concerned by the *planets*. The *Gnostics* taught that the planets are not to have the light of the *planets* that the planets were independent of those celestial spheres and defined a hierarchy of the elements—*Light*.

(*Namtar*),¹ diseases, demons, and witchcraft in general, we read.

Spirit of the heavens, conjure it! Spirit of the earth, conjure it!

Spirit of Mul-gelal,² lord of the countries, conjure it!

Spirit of Nin-ge-lal,³ lady of the countries, conjure it!

Spirit of Nin-dara,⁴ powerful warrior of Mul-gelal, conjure it!

Spirit of Nusku, sublime messenger of Mul-gelal, conjure it!

Spirit of Eni-zuna,⁵ eldest son of Mul-gelal, conjure it!

Spirit of Tiskhu,⁶ lady of the armies, conjure it!

Spirit of Meimer,⁷ king whose voice⁸ is beneficent, conjure it!

Spirit of Utu,⁹ king of justice, conjure it!

Spirits, Archangels (*Anunnia*), great gods, conjure it!¹⁰

In other invocations of the same kind, these spirits of the sidereal gods are associated with those of gods who were no longer known to the public religion of Babylon and Nineveh, and also with other spirits of an elementary character as beings of the same kind and rank, as, for instance, in this enumeration, which is one of the fullest to be found

¹ *W A I IV* 1, col 3

² In the Assyrian Bel

³ In the Assyrian Belit

⁴ In the Assyrian Adar

⁵ In the Assyrian Sin

⁶ In the Assyrian Istar

⁷ In the Assyrian Bin or Ramanu

⁸ In the Assyrian version, "impetuosity"

⁹ In the Assyrian Samas

¹⁰ Compare the litany placed at the end of the incantation immediately preceding this one, on the same tablet

Spirit of the heavens, conjure it! Spirit of the earth, conjure them!

Spirit of Mul-gelal, lord of the countries, conjure them!

Spirit of Nin-gelal, lady of the countries, conjure them!

Spirit of Nin-dara, son of the firmament, conjure them!

Spirit of Tiskhu, lady of the countries, who gives light to the night, conjure them!

in the great magic collection copied by Assurbanipal's orders

Fever Spirit of the heavens conjure it¹ Spirit of the
earth conjure it¹
Male Spirits lords of the earth conjure it¹
Female Spirits ladies of the earth conjure it¹
Male Spirits lords of the stars conjure it¹
Female Spirits ladies of the stars conjure it¹
Male Spirits lords of hostilities conjure it¹
Female Spirits ladies of hostilities, conjure it¹
Spirits Eni dazarma conjure it¹
Spirits Nin dazarma conjure it¹
Male Spirits lords of the sublime covering conjure it¹
Female Spirits ladies of the sublime covering conjure it¹
Male Spirits lords of the light of life conjure it¹
Female Spirits ladies of the light of life conjure it¹
Male Spirits lords of the inferior region conjure it¹
Female Spirits ladies of the inferior region conjure it¹
Spirits lords of the mother and father of Mul gelal
conjure it¹
Female Spirits of the mother and father of Mul gelal
conjure it¹
Spirit of Hur ki² who makes his talismanic³ ship cross
the river conjure it¹
Spirit of Utu the king umpire of the gods conjure it¹
Spirit of Tisl hu who directs the Archangels of the earth
(*Anunna ge*)⁴ conjure it¹

We have not sufficient information to translate the name of the object of which these spirits are said to be lords.

The latter the female spirit corresponds to the preceding ones they are called spirits of the same object.

¹ Or perhaps better Lord of the heavenly vault —*EI*

² In the Assyrian version of the father and the mother

³ In the Assyrian version

The Assyrian version is only a ship. Here we have an allusion to a myth which is as yet unknown.

⁴ Lacuna

Spirit of the goddess Ziku,¹ mother of Ilea, conjure it !
 Spirit of Ninuah, daughter of Ilea, conjure it !
 Spirit of Nin-si-ana,² ' conjure it !
 Spirit of the god Finc, supreme pontiff on the face of
 the earth, conjure it !
 Spirit of Nin-gis-zida,³ who upheaves the face of the
 earth, conjure it !
 Spirits of the seven doors of the world, conjure it !
 Spirits of the seven locks of the world, conjure it !
 Spirit Khusbi-kuru,⁴ wife of Namtar, conjure it !
 Spirit Khi-tim-kur-ku,⁵ daughter of the Ocean, con-
 jure it !

These long litanies are, however, very rare. Up to the present time we possess no criterion which might enable us to judge of the respective antiquity of the different fragments in the great magic collection, but it is clear that, like those of the Vedic collection, they belong to very different epochs, and that the composition of these incantations, formulæ, and hymns might be referred to different centuries far anterior even to the early date at which they were collected and reduced to writing. But it would need careful and deep study, assisted by all the most delicate arts of criticism, to determine the chronology of these fragments, and we are not as yet in a posi-

¹ The celestial Ocean. The Nu of Egyptian mythology.—*Ed*

² This rendering is merely provisional and very doubtful, the name is given by the sign which represents the town of Nineveh

³ "The lady of the blush of heaven," a name of the planet Venus

⁴ Lacuna

⁵ "The lady of the magic wand," one of the names of the infernal goddess Nin-ligal, in the Assyrian Allat

⁶ Or Khusbi-sâ, the meaning is, "his stroke is propitious"

⁷ "The spring which surrounds the sublime mountain"

tion to undertake this difficult task. We may however, gather, from the simplicity of the formulæ, which characterises those of a very early date, that the texts containing invocations or litanies, like that we have just quoted, together with two others, the only two of their kind, which have been cited earlier as specimens of long epic stories should be classed amongst the most recent, since they include the idea of punishment of sin by means of disease, and the necessity of repentance, dogmas of a later school. These litanies represent a last phase in the formation of magical documents, a time when the fusion of the Kuschito Semitic and Turanian elements of the nation had given birth to those religious conceptions which finally predominated exclusively in the exterior and public worship. The old religion of the spirits, upon which Chaldean magic was originally founded, still existed quite independently at this time, and became the peculiar doctrine of the priests of magic, who continued to compose incantations and to add them to the traditional fund which they had received from their predecessors, although this practice seems afterwards to have ceased. But while their doctrine had not changed, and had kept its place side by side with the new religion, the priests perceived plainly the popularity of the gods of this rival religion, and found for them a place accordingly in their infinite world of spirits.

These surmises may seem on a first consideration rather far fetched, and we shall perhaps be told that the hypotheses we have just advanced rest on no sufficient foundation, but I think anyone who has

studied attentively the great collection of magical tablets discovered by Sir Henry Rawlinson must grant that we have in them sufficient and convincing proofs to support our conjectures





CHAPTER XII

The Origin of the Myth of the Zi

WE will now endeavour to give an idea of the religious system explained in the Accadian magic writings, by means of quotations taken principally from the hymns of the third book of the great collection, of which up to this time we have made but little use.

This system was actually that of an adoration of the elementary spirits, as undisputed, as marked, as it ever was amongst the Altaic nations, or in ancient China. Accadian magic was founded upon the belief in innumerable personal spirits distributed in every part throughout nature, sometimes blended with the objects that they animated, and sometimes separate from them. This was certainly one of the rudest conceptions of the supernatural and of the unknown power which governs the world, as it was also one of the most primitive, for it bordered on fetichism and even adopted some of its principles, by confiding

blindly in talismans and in their mysterious power. Spirits everywhere dispersed produced all the phenomena of nature, and directed and animated all created beings. They caused evil and good, guided the movements of the celestial bodies, brought back the seasons in their order, made the winds to blow and the rain to fall, and produced by their influence atmospheric phenomena, both beneficial and destructive, they also rendered the earth fertile, and caused plants to germinate and to bear fruit, presided over the birth and preserved the lives of living beings, and yet at the same time sent death and disease. There were spirits of this kind everywhere, in the starry heavens, in the earth, and in the intermediate regions of the atmosphere, each element was full of them, earth, air, fire, and water, and nothing could exist without them.¹ There were particular ones for each element, each celestial body, each creature, and each object in nature. A very distinct and definite personality was ascribed to them, and we see no trace of the idea of a Supreme God, of a first principle with which they were connected and from which they derived their existence, ruling over this vast number of beings who were superior to man, but inferior to the

¹ This was in a sense the theory of even Milton himself when he wrote
 "Millions of spiritual creatures walk the earth,
 Unseen both when we wake and when we sleep,"

(*Paradise Lost*, Lib IV, l 677-9.)

as it is to this day the belief of the orthodox Turk, who on the conclusion of his prayers, bows to the right and the left as saluting the genn of good and evil respectively, by whom he is attended—*Ld*

² This was also known to the Egyptian mythology, the Hieroglyphic inscriptions repeatedly mention the spirits of earth, air, fire, and water, and they were represented as frog-headed and lion-headed respectively. In the long inscription of Darius at El Khargeh these four genn occupy a prominent position, and they also occur in the texts of the myth of Horus in the late Ptolemaic temple of Edfu. See Naville, *Texte de la Mythe d'Horus*, pl. 11, and *Trans Soc. Bib. Arch.*, Vol V, part 1

notion of the gods cherished by religions of a higher tendency. This feature distinguishes this naturalism, as also that of the Tartar and Mongol nations, from that of the more noble races, such as the ancient Aryas, amongst whom there was always a fundamental idea of a supreme deity, although sometimes very vague and indefinite, besides the adoration of the cosmic phenomena personified in the gods.

As evil is everywhere present in nature side by side with good, plagues with favourable influences, death with life, destruction with fruitfulness, an idea of dualism as decided as in the religion of Zoroaster pervaded the conceptions of the supernatural world formed by the Accadian magicians, the evil beings of which they feared more than they valued the powers of good. There were essentially good spirits, and others equally bad. Their opposing troops constituted a vast dualism, which embraced the whole universe and kept up a perpetual struggle in all parts of creation. The bad spirits were, like the good, spread everywhere in heaven, earth, and in the atmosphere, they were in opposition to each other and contended together furiously. Their successive triumphs and defeats caused plagues and benefits to alternate in nature, and they interrupted the regular course of terrestrial things by the intervention of sudden catastrophes. There was a bad as well as a good spirit attached to each celestial body, each element, each phenomena, each object and each being, and

See an able article on The Hebrew God of the Aryan Races, by Dr. R. H. in the Transactions of the German Oriental Society Vol. VI p. 67. Also in the Asiatic Society's 111 New Series p. 51. Contributions to a Knowledge of the Vedic Theology by O. Müller.—Ed.

these were ever trying to supplant each other. Thus discord reigned everywhere in the universe, nothing was free from this continual struggle between evil and good regarded principally from a physical point of view, the moral side of dualism remains quite in the background and hardly appears in the magic writings, or even in the hymns, where it might have been developed more easily. Such writings seem hardly to have recognized any other sin than that of neglecting the propitiatory rites, and entering into communication with the evil spirits by the practices of sorcery, instead of applying to the particular god by means of rites which were considered holy and pious, and through the mediation of the authorized magicians.

Upon this dualistic conception rested the whole edifice of sacred magic, of magic regarded as a holy and legitimate intercourse established by rites of divine origin, between man and the supernatural beings surrounding him on all sides. Placed unhappily in the midst of this perpetual struggle between the good and bad spirits, man felt himself attacked by them at every moment, his fate depended upon them. All his happiness was the work of the former, all the evils to which he was subject were attributable to the latter. He needed then some aid against the attacks of the bad spirits, against the plagues and diseases which they sent upon him. This help he hoped to find in incantations, in mysterious and powerful words the secret of which was known only to the priests of magic, in their prescribed rites and their talismans. By these means

the fatal demons were sent away, and the favourable spirits rendered propitious and called to the help of man. The Chaldeans had such a great idea of the power and efficacy of these formulæ, rites, and amulets, that they came to regard them as required to fortify the good spirits themselves in their combat with the demons, and as able to give them help by providing them with invincible weapons which would ensure success. Thus the supernatural power of the magician was not only a protection for man, it also arrested the greatest catastrophes in nature, it influenced the course of the phenomena, and intervened with a decided efficacy in the discords of the world of spirits.

These fundamental data are visible at every point in the great magical collection, and in the formulæ of the same kind which may be discovered elsewhere. They seem to me to stand out so clearly in the quotations which I have already made, as to need no confirmation from other examples.

As the magical doctrines developed and approached nearer to the constitution of a system to which it pretended to give a scientific exactness, it introduced an order and a hierarchy into the crowd of spirits whose existence it admitted. The good spirits were assigned to classes like those we have already noticed amongst the demons. Unhappily the indications of the texts are still less precise as to the distribution and relative rank of the favourable spirits than they are concerning those of the diabolical groups. We can only discern that, in the good as well as in the bad army, were recognized

genu, classes called *Allad*, and *Lamma*, and demons termed *Utug*. The "favourable *Allad*," the "favourable *Lamma*," and the "favourable *Utug*," are very frequently opposed in the incantatory formula to the "evil *Allad*," to "evil *Lamma*," the "evil *Utug*." Spirits properly so called (*Zi*) are also mentioned, especially elementary spirits, or those attached to beings and definite objects, and angels, more independent, with distinct natural forms, amongst whom we may see the *Anuna*, who are almost always terrestrial spirits, and the *Idide*, who have their dwelling in the heavens.¹

A certain number of gods even (*ana*, *dagnu*, or *dimmei*) were admitted into the higher regions of the hierarchy. But they did not differ essentially in their nature from the other spirits, and this name (*Zi*) was given to them as well as that of gods. They were beings of the same kind, possessing a distinct title only because their power was thought to be greater and to have a wider scope than that of the other spirits. As far as we can see, the god differed from the simple spirit in that he was less strictly localized, and that he was regarded as animating and directing a great part of the world, many phenomena, and a class of similar beings or objects, each of which individually possessed a spirit. These were then, if they may be so called, the spirits of categories of natural beings or phenomena, considered as distinct from and superior to the individual spirits. Their personality was however as definite as that of the

¹ See all this worked out to perfection and adapted to the Judaic system in the *Book of Enoch*, Caps. lxxviii to lxxvii—*Ed*

inferior spirits, and we find amongst them no bond of unity of substance, and no common primordial principle. Two of the greatest gods, two holding the first place amongst them, An and Enlil, had no higher titles than "Spirit of the heavens" (*Zi ana*) and "Spirit of the earth" (*Zi ki*). Therefore the most solemn invocations were addressed to them, and this clearly characterises their original and fundamental nature.

The gods thus conceived appear to have been very numerous. Many such are named in the incantations against demons and diseases and in the magical hymns. But several of these are only mentioned once, and that singly and under such circumstances as to give no precise information about the office and attributes of the god, the more so because the imperfect state of our acquaintance with the Accadian language prevents us from explaining his name, which is sure to have some meaning and which the Assyrian translator has simply copied without trying to assimilate it to that of a god in his own excessively rich pantheon. What indeed were the gods Ninakha quddu, Nin gur, and many others, whose names are scattered over the magic documents? Fresh texts only can furnish us with the desired information. Some of the names may be nothing but attributes of divine personages better known under other titles. For instance, we know positively that Nin la si, "the Lady with the horned countenance," was another name of Nana the wife of An, Nin a su, "the Lord of the numerous waters," and Nin si ku were titles of Enlil, as also Enki ga

Mul-kiga, "the Lord of the earth," whilst Nin-gis-zida, "the Lady of the magic wand," designated the goddess Nin-kigal

Although we are not yet able to decide precisely on the character and domain of some of the gods, this is only the case with regard to divine personifications of the second rank, who are noticed but rarely. We possess, on the contrary, a great deal of information about the principal gods, owing to the constant mention made of them in the incantations, and particularly by the hymns addressed to them. We can describe them perfectly, and this task we are now about to undertake, but we ought first to notice the peculiar conception of the world with which they were connected.

"The Chaldees," says Diodorus Siculus,¹ "have quite an opinion of their own about the shape of the earth: they imagine it to have the form of a boat turned upside down, and to be hollow underneath." This opinion remained to the last in the Chaldean sacerdotal schools, their astronomers believed in it, and tried, according to Diodorus, to support it by scientific arguments. It is of very ancient origin, a remnant of the ideas of the purely Accadian period, and if we did not clearly understand this conception of the earth, we should find all that the magic texts say about the form and economy of the universe perfectly unintelligible, as also their division of the principal parts of the universe under the dominion of different gods.²

¹ Lib. II, sec. 31.

² See this idea as a point of the Homeric myth fully worked out in Gladstone's *Homeric Synchronisms*, page 230.

Let us imagine then a boat turned over, not such an one as we are in the habit of seeing, but a round skiff like those which are still used, under the name of *Kufa*, on the shores of the lower Tigris and Euphrates, and of which there are many representations in the historical sculptures of the Assyrian palaces, the sides of this round skiff bend upwards from the point of the greatest width, so that they are shaped like a hollow sphere deprived of two thirds of its height, and showing a circular opening at the point of division. Such was the form of the earth according to the authors of the Accadian magical formulæ and the Chaldean astrologers of after years. We should express the same idea in the present day by comparing it to an orange of which the top had been cut off, leaving the orange upright upon the flat surface thus produced. The upper and convex surface constituted the earth properly so called, the inhabitable earth (*ki*) or terraqueous surface (*ki a*), to which the collective name of *kalama*, or the countries, is also given. The interior concavity opening from underneath was the terrestrial abyss, *ge*, where the dead found a home (*kur nu de, ki gal, aiali*). The central point in it was the nadir, or, as it was called, "the root" (*nu*), the foundation of the whole structure of the world, this gloomy region witnessed the nocturnal journey of the sun.

Above the earth extended the sky' (*ana*) spangled with its fixed stars (*mul*), and revolving round the

S e Ches eys *Exp d ti e to the Euphrates and Tigris* Vol 11 page 57 Vol 11 page 641

S e *The 1 tes t Her d tu* by G Ra li lib 1 sec 194

II A I IV o

mountain of the East (*ḫarsak kurra*), the column which joined the heavens and the earth, and served as an axis to the celestial vault. The culminating point of the heavens, the zenith (*muzku*), was not this axis or pole,¹ on the contrary, it was situated immediately above the country of Accadia, and was regarded as the centre of the inhabited lands, whilst the mountain which acted as a pivot to the starry heavens was to the north-east of this country. Beyond the mountain, and also to the north-east, extended the land of Aialli, which was very rich in gold,² and was inhabited by the gods³ and blessed spirits.

The Chaldean astrologers imagined in later times a spherical heaven completely enveloping the earth, but it seems, from many characteristic expressions, that at the period when the greatest part of the fragments of the magic collection were composed, the firmament was regarded as a hemispherical skull-cap, the lower edges of which, "the foundations of the heavens," rested upon the extremities of the earth, beyond the great reservoir of waters (*abzu*)⁴ surrounding the continental surface, and corresponding exactly to the ocean of Homer. We also must give to it the name of ocean in addition to that of reservoir of waters, designating the subterraneous

¹ *W A I II*, 48, l. 55, 56, c, d, distinguishes between the zenith, *muzku*, Assyrian *elit same*, and the middle point of the heavens, *ana sāga*, Assyrian *kn il same*.

² *W A I II*, 51, l. 11, a, b.

³ This idea had passed to the Assyrians, see the great inscription of Sargon at Khorsabad, l. 156, published in *Records of the Past*, Vol. VII.

⁴ A compound, signifying literally, "abounding in waves." The orthography of this name is derived from a more ancient form, in which the order of the elements was reversed, *zuab*, but the grammars show us that the form *alzu* was substituted for it in the spoken idiom.

cavity or *ge* as the abyss, which word was sometimes used as a translation of the Accadian *abzu* and its Assyrian equivalent *apsu*. The periodical movements of the planets (*lu bat*), which were assimilated by their Accadian name to animals endowed with life, took place in a lower zone of the heavens, which was called *ul gana*, underneath the firmament *e saia*³ of the fixed stars, astrology afterwards ascribed to them seven concentric and successive spheres, above which the firmament extended, but we can perceive no trace of a similar idea in the magical documents. The firmament supported the ocean of the celestial waters, *ziku*, viewed under the form of a river,⁴ as was frequently the terrestrial ocean, which even assumed the name of "river," *ania* or *aria*.

Between the earth and the heavens was the zone in which the atmospheric phenomena were produced, where the winds (*imu*) blew, and the storms (*imu dugud*) raged, where the clouds (*imu du*) were spread, and at length, rent asunder by the lightning (*mun gu*) and the hot whirlwind of the thunder bolt (*amatu*) from the planets, poured forth rain (*sur*)⁵ through their gutters (*ganul*).

There were then three zones of the universe, the heavens, the terrestrial surface with the atmosphere,

This merely a translation of the Accadian word

Lu l i t t r a s i t e d i n t h A s y a n l l i s t h g o a t h c h l a d t h f l c k

³ The Accadian pell *g* of this name gives the *s s* of the *d l l g* of *imp l s e t t r a l a t e d t h e A s s y r i a n* by *ru f m t h* *o t* ארר *l t i e d n t* that *n* of the two *l a a s* has played upon the word *h c h t b o o d* from the other *o d e t g i e t a p c l a r s o n f i c a t*

H A I I I s o l 7 d

I have found the *d c e p o o f* of the *d n o t h s a l p e l l o A A N* does not possess the *o m p d d t s a c o m p l e d o g a p h c e p s o n t s* *i t d* by a simple *d*

and the lower abyss The three greatest gods, Ana, Hea, and Mul-ge or Elm, answered to and presided over those three zones They corresponded to the gods of the supreme triad of the Chaldaeo-Babylonian religion, Anu, Hea, and Bel, the two first of which retained their Accadian names

But in truth the early conception of these deities with the exception of Hea, as expressed in the magic fragments, is very different from what it afterwards became Anu certainly preserves some features belonging to the Accadian Ana, but if we compare Bel with the ancient Mul-ge of the magic books we see that a purely artificial assimilation had been made between the Accadian god and a Semitic god of an entirely different character, and, as we have already remarked, probably of a solar origin

In those parts of the collection which have been handed down to us, there is no special hymn addressed to Ana, but he is invoked in the sacramental formula of all the incantations under the name of Spirit of the heavens (*Zi-ana*) As his name indicates he was the same as the material-heaven, he was heaven itself, whilst also the soul of it, and he was more completely one with the object to which he was attached than was any other of the supernatural deities

Ana as described in the most ancient Accadian documents resembled closely the Thian of the early Chinese But in the oldest religion of China, Thian, "the heavens," was also Chang-ti, "the supreme lord,"¹

¹ See also with relation to the theological use of the names T'ian and Shin, Malan's *Who is God in China*, *Shin or Shang-ti* 1855

he soared above the spirits of nature as sovereign master and first principle, crowning the edifice of the worship of spirits by a thoroughly monotheistic idea. It was perhaps so at the beginning amongst the Accadians and this supposition is supported by two important arguments, namely, (1) that in their language one of the two words expressing the absolute idea of divinity, *ana*, is the same word which means "heaven," (2) that the ancient hieroglyph of the sign which, in the cuneiform writing invented by the Accadians renders the idea of "god," is the figure of a star. But although this notion must have existed originally amongst the Accadians, and reappears in the Chaldaio-Babylonian religion, no trace of it is to be found in the fragments composing the magic collection. *Ana* was in nothing superior to the other two great gods of the two other zones of the universe, he was not even represented as the primordial principle from which they issued.

The name of *Hea* means "dwelling," this name then was manifestly connected with the time when the god was first imagined to be the same as the zone over which he presided, the zone which served as a home for men and animated beings, but he was afterwards regarded as much more separate from the material object than *Anna*. He was the lord of the earth's surface (*mul ki*), and this title

The use of this sign is not, as appears at first sight, the necessary indication of a primitive ideal character of the element. This figure of the star has been appropriated to the expression of the general idea of the heavens rather than to that of god. It is trebled to present a star.

E a h o e

is applied to him quite as frequently as Hea. In the sacramental formula of the incantations he was invoked as Spirit of the earth, or more exactly still, of the terraqueous surface (*zi-ki-a*). He was also lord of the region of the atmosphere. The spirit of this zone of the universe, he was also the soul which animated everything, penetrated into everything, and made everything which existed in the universe live and move. The Accadians (and they transmitted this idea to the Chaldaio-Babylonians of more recent ages) considered the humid element as the vehicle of all life, and the source of all generation, 'they saw this element circulating everywhere in the zone which embraces the terrestrial surface and the atmosphere. Hea was the soul and spirit of it, and therefore, according to them, closely connected with the humid element. It was specially his dominion the waters (*a*), were worshipped in their material reality, and the spirits presiding over them were his children. He had no father assigned to him, but as he was eternally begotten in the bosom of the humid element, he was said¹ to have issued from the celestial ocean personified as a goddess *Ziku*². His usual dwelling was in the great reservoir (*abzu* or *arra*), which, as we have already said, surrounded the earth. From this point but one step was necessary to represent him under the ostensible form of a fish-god, and this step was taken, for one of his most usual titles was "the

¹ Was not the cosmology of the early Greeks also derived from this source, several of their philosophers holding that all things were produced from water and returned to water again?—*Ed*

² *W A I* Vol IV, col 2, l 36

³ As the Egyptian deity Ra from Nut, see Naville, "Litany of Ra," in *Records of the Past*, Vol VII

great fish of the ocean" (*gal ḫana abzu*), or "the sublime fish" (*ḫan maḫ*)

As the spirit of the inhabited world and the soul directing its phenomena, Hea is the repository of all science. And here we see the chain of ideas which led to this odd notion, that the learned god should also be an ichthyomorphous god. It passed into the Chaldaeo-Babylonian religion with the god Hea himself, and he appeared under this form in the cosmogonic legend, where he was the Oannes of Berosus, revealing religious and social laws to men.³ According to extracts from the Greek historian of Chaldaea, "he had the body of a fish entire, but underneath his fish's head there was a second human head, while human feet appeared under his tail, and he possessed a human voice. This monster spent the whole day amongst men without taking any food, while he taught them letters, science, and the principles of every art, the rules for the foundation of towns, the building of temples, the measurement and boundaries of lands, seed time and harvest in short, all that could advance civilization, so that nothing new has been invented since that period. Then at sunset this great Oannes regained the sea, and passed the night in the vast region of waves, for he was amphibious."⁴

³ For a good illustration of Oannes, see B. n. m. N. ex. h. d. t. P. l. pp. 168, 39—Ed.

Ex. h. Hea the fish.

³ For the identity of Oannes and Hea, see Appendix I. In the end of this part of the volume.

⁴ According to Berosus as quoted by Apollodorus, the many fish-se fish avatars of the Spirit of the World, called Anedot, the first after the lapse of fifty years, the second after twenty years, the third after eighteen (or twenty-eight) years, and finally a fifth named Odac. See H. d. g. s. C. b. y. pp. 51, 52—Ed.

A representation of the fish-god as a legislator and protector, corresponding exactly with the legend of Berossus, has been found in the sculptures of the Assyrian palaces¹ and on the Babylonian cylinders²

As the soul of that zone of the world inhabited by living beings, of the "dwelling" pre-eminently, Hea was the god who "sees that all is in order," and who defended the frame of nature against the incessant ravages of the wicked spirits. Since he was the god acquainted with science, he knew all their ruses and was able to baffle them, and therefore he alone was possessed of the magic secrets by means of which they could be conquered and repulsed.

Hence the exceptional importance of the position of Hea in the arts of conjurational magic, of which he was the great god. The quotations we have already placed before the reader show clearly his character as supreme protector of men and of nature in the struggle caused by the antagonism between good and evil, as *deus averruncus*, or as the annuller and averter of fatal influences, and as the author of theurgic action. Help was sought from him when neither word, rite, talisman, nor even the intervention of any other of the gods had availed to destroy the demons' power.

The magical texts attributed to Hea the spouse who was afterwards assigned to him in the later mythology, Damkina or Davkina, whilst on the rare occasions when the companion of Ana is mentioned, it was never under the name of Ana, but always as

¹ Layard, *Monuments of Nineveh*

² Layard, *Culte de Mithra*, pl. xvi, no. 7, pl. xvii, nos. 1, 3, 5, 8

Nin ka si From her name, which can only be exactly translated by the Latin *maior ex terra* (*damkina*), she appears to have been originally a personification of the earth's surface, which the god rules and fertilizes. From the union of Her and Dalkin proceeded the material waters which flowed over the earth. Still, as has been before stated, Her was the only god of the ancient Accadian mythology who was adopted without modification into the Chaldean Babylonian religion, whilst he, with his spouse Dalkina, never received any Semitic appellation, but kept their Accadian names without any alteration even as far as Nineveh.

In the epic recital of the deluge Hea played the part of protector and saviour of Khasisatra, the Chaldean Noah, the Xisuthrus or Sisithrus of the fragments of Berossus. After having related how the vessel of the just was saved in the flood and rested upon a high mountain, Berossus adds, connecting with this tradition magic and talismanic rites, "A part of this vessel still exists on the Gordyæan heights of Armenia, the pilgrims bring back the asphalt they have scraped from the ruins and use it to avert the influence of sorcery." An extract from Abydenus³ says also, "The inhabitants of the country make themselves amulets from the wood of the ship and hang them round their necks as a charm against sorcery." The legend has been applied to the ship of Khasisatra, the pretended remains of which were shown to the devotees, the ideas formerly attached

to the symbolic vessel in which the god Hea was supposed to traverse his humid empire, when he was not represented as a being in part man, in part fish¹

One of the hymns of the magic collection,² which is extremely difficult to understand because we have only the Accadian text, without the Assyrian version, and that is filled with inexplicable technical terms, treats solely of this vessel of Hea's, "rejoicing the heart at break of day" The planks are ornamented with "seven times seven lions of the desert" The ceiling which covers the inner apartment and the mast are of cedar, the wood which counteracts sorceries In this vessel are "Hea, who decides destinies, with Damkina, whose word gives life, Sılık-mulu-khī, who utters the beneficent name, Munu-abge,³ who guides the lord of the earth, and Nin-gar,⁴ the great pilot of heaven" This hymn enumerates all the parts, points out their magic meaning, and ends by the wish

May the ship in front of thee sail upon the canals¹

May the ship behind thee sail upon the face (of the waters)¹

May the joy of the heart be developed in thee in all its fulness¹

A fragment of a tablet in the British Museum⁵ gives us the remains of a special little collection of prayers, partly of a liturgic, partly of a magical character, and each of them relating to one of the insignia of royalty for which it invokes the protection

¹ See also Lenormant, *Le Déluge et l'Épopée Babylonienne*, 1873

² *W A I* IV, 25, col 1

³ Beneficent on the waves

⁴ Master of the helm(?)

⁵ *W A I*, IV, 18, 3

of the gods. One has reference to the *tiarra*, and has been already mentioned as requesting that the king might be possessed by beneficent spirits, another relates to the precious stones, "which are upon the breast of the king as insignia," a third to his weapon of war.

The weapon which causes terror which wounds for majesty the weapon which is raised which is projectile beside majesty the immense force of its blow confuses none dispute its power it devastates the rebel country it crushes its enemies.

This weapon is compared to that of "Hea, king of the ocean, and they invoke in favour of the king who bears it the pilot of the god, called in this case, with a variation of name, *Nin si gar*.

Come *Nin si gar* great pilot of heaven thrusting forward thy sublime tree thy lance!

Hea was therefore sometimes represented as an armed warrior, surrounded by other warlike companions, when he was dividing with his ship the waters of the great reservoir (*apsu*), making them a guard round about the earth.

It was probably to Hea, regarded under this warlike aspect, that the ancient poet dedicated another dithyrambus, proud in its style, and peculiarly curious on account of its mythological allusions. A god is celebrating the power of his weapons, particularly his disk with fifty points and

I will make poet about this part in the French edition now I should remark that this song of triumph may with just as much reason be placed in the mouth of the son of Hea, *Sik mul kh o Marduk* victor in his struggle against the Dragon of the Abyss. But in any case it was one of these two gods who personally combated the demon with the power of daemons.

II A I II 19

seven concentric rays, like the *tchakra* of the Indian heroes, and the "fiery sword" with which the cherub who kept the gate of the garden of Eden¹ was armed, as we read in the book of Genesis²

Who holds his head high before the tremendous terror
which my immense strength causes³

I am master of the steep mountains which tremble whilst
their summits reach to the firmament

The mountain of alabaster, lapis, and onyx, in my hand
I possess it

Archangel of the abysses⁴ like a bird of prey which
pounces upon the sparrows,

in the mountain, by my heroic courage, I decide quarrels

In my right hand, I hold my fiery disk,⁵

in my left hand, I hold my murderous disk

The sun with fifty faces, the raised weapon of my
divinity, I hold it

The valiant one who breaks the mountains, the sun from
whose influence none can escape, I hold it

The weapon which, like a waterspout, stretches in a circle
the corpses of the combatants,⁶ I hold it

That which breaks the mountains, Ana's powerful weapon,
I hold it

That which bends the mountains, the fish with seven fins,
I hold it

The flaming blade of battle, which devastates and afflicts
the rebel country, I hold it

The great sword which overthrows the ranks of the brave,
the sword of my divinity, I hold it

¹ See my *Premières Civilisations*, Vol II, p. 193 and the following pages

² See another translation of this hymn by the Rev. Prof. Sayce, in *Records of the Past*, Vol VII

³ Lacuna

⁴ Prof. Sayce has pointed out still further the Aryan analysis of this hymn, especially as regards the *tchakra* or wheel of Buddha, and the mystical disk of Brahma—*Ed*

⁵ Assyrian version "which like the waterspout devours everything around it"

The hand of the powerful men of battle from the attacks
of which the mountain cannot escape I hold it

The joy of heroes the lance which does harm in battle I
hold it

The club which crushes the dwellings of the rebel country
and the shield of battle I hold them

The thunder of battle the weapon with fifty points I
hold it

Like the enormous serpent with seven heads shaking its
heads the with seven heads I hold it

Like the serpent which scours the waves of the sea
(attacking) the enemy in front the destroyer in the
shock of battle extending its power over heaven and
earth the weapon with (seven) heads I hold it

The burning god of the East who makes his glory shine
like that of the day I hold him

The creator of heaven and earth the god whose power
has no rival I hold him

The weapon which (spreads) great terror in the country
by its immense power in my right hand powerfully
the projectile of gold and onyx strengthening
by miracles the god the minister of life I hold him

The weapon which like combats the rebel country
the weapon with fifty points I hold it

While Hea passed into the Chaldaic Babylonian
mythology without changing either his office, his
character, or his name, Mul ge, on the contrary
bore no resemblance in the documents of the magic
collection to Bel, the demiurge and god of the
organized universe, with whom he was afterwards
assimilated, in order to find him an equivalent in

Lacu re

Cf the myth of the *Sh ha* serpent of *Brahm* which is also seven-headed and
Canop, the great godly hero's points fold as the creature flaps its pontal
empyrean waters.—*Fd*

the religion by which he was adopted. One cause of this assimilation lay no doubt in the fact that the Semitic name Bel had the same meaning as one of Mulge's Accadian titles, Elim, "the Powerful, the Dreaded Being, the Lord." His spouse Nin-ge could better be likened to Belit, regarded as a chthonian deity. Indeed Mul-ge and Nin-ge (or Mul-gelal and Nin-gelal, as they become by adding the second part of a casual suffix, which can be equally well written or omitted)¹ were, as their names indicated, lord and lady of the lower abyss and the bowels of the earth. The Accadian formulæ do not recognize them under any other aspect. We find there the name of Nin-kigal, "the lady of the gloomy pit," used indifferently as a second appellation for Nin-ge, and as the title of a distinct goddess, and she is identified in the bilingual lists with the Semitic goddess Allat.

In some mythological documents the infernal lady Nin-kigal was associated with a god who was called pre-eminently Anunna-ge, "the archangel of the abyss," he was doubtless another form of Mul-ge, although once in the long incantation which we translated at the beginning of Chapter I, Nin-kigal is called the wife of Nin-a-su, a title of Hea, which would assimilate her therefore with Damkina.

Since Mul-ge and Nin-ge were rulers of the terrestrial mass, the possession of the interior was sometimes considered to entail also the possession of the surface, and they were called "the lord" and "the lady of the countries," on this account the boundary

¹ In the same way one of the appellations of the god of the moon, "the lord of growth," is indifferently *em-zuna* and *em-zu*, with or without the casual suffix *na*.

of the empires of Hea and Mul ge was not very strictly defined. As previously stated the dead were supposed to descend into the lower abyss (*ge*), the undisputed domain of Mul ge, this place was called "the country whence none return" (*kur nu de*), the "tomb" (*arali*), or as a euphemistic expression, the "temple" (*e kur*), which was some times replaced by the plainer name of "temple of the dead" (*ebur bat*), with which *arali* is synonymous. At the time when the Chaldaio Babylonian Epopee was composed the story of Istar's descent into Hades described the country whence none return, designated in the Assyrian by the name *mat la tayarti*, in as sombre colours as were used in Hebrew poetry to depict the *scheol*.

The daughter of Sin (Istar) has turned her mind towards
the place of decomposition the seat of the god Ir
kalla

towards the home which one may enter but never leave
towards the road from which there is no return towards
the dwelling where those entering find blindness (in
stead of) light

where the multitude has nothing but dust to appease its
hunger nothing but mud for food where they see no
light and dwell in darkness where shades as birds
press towards the vault where dust thickens upon the
door and its wings

In the Accadian magical documents the picture
of this land is not less gloomy. A hymn,³ in which

Cf the Egyptian periphrasis *Sqeb-h* place of freedom which was also used
to designate the tomb—*Ed*

For the remainder of this formula see *Record of the Past* Vol. I page 139
and Schrader *Hilfsritze*

³ *H. A. I. IV* 42

which was current at the time when the magical fragments were composed, for we shall see later, that a hymn addressed to the mediator *Silik mulu khi* attributes to him the power "of bringing the dead back to life." But we do not know under what conditions this resurrection was supposed to take place, it was perhaps only admitted in order to justify the pretensions of the priests of magic to work similar wonders by the power of their incantations. We may observe, however, that Diogenes Laertius explicitly attributes to the Chaldean philosophical schools a belief in a final resurrection, after which man was to become immortal. This was the last stage of development reached by the idea of which the first germ appears here.

In the epic narrative of the adventures of Istar, the country whence none return is divided into seven zones, like those of Dante's infernal regions,³ upon the model of the seven planetary spheres. This resulted from the influence of the astrological doctrines upon religion, and nothing of the same kind can be traced in the more ancient date of the magic books. They mention, however, "seven doors and seven fastenings of the world," which were probably those leading from the surface of the earth into the lower regions, but they seem to have been considered as scattered around the circumference of the earth.

H A I IV 9 1 I anoth r blng al d c me t (H A I IV 19, v rse 1)
 the same power recall "the dead to life" attributed to the goddess *Gla*
 exceptionally associated in this instance with *Silik mulu khi* the Marud k of the
 Assyrian version

De I t ph l ph p æm

Dante *I fern Canto XXIV n loc*

H A I IV 7

However that may be, the principal entrance to the infernal regions, the one to which the god Negab was appointed, "the great porter of the world,"¹ was situated in the west, near the great mountain which matched, on that side, "the mountain of the east," or more precisely of the north-east, the cradle of the human race, "father of the countries," the pole of the celestial revolutions, where the Babylonian mythology established the place of the assembly of the gods. The mountain of the west, where the sun set, was a pre-eminently funeral place, from whence arose the god Mul-ge. One fragment of a hymn² speaks of it in these terms:

The great mountain of Mul-gelal, the glory of the mountains, the crest of which reaches unto the heavens, the sublime reservoir of water washes its base, between the mountains (it is) like a powerful buffalo in repose, its summit shines like a ray of the sun, like the prophetic star of heaven³ perfecting its glory.

The entrance to Hades was then near this mountain of the west, or rather of the south-west, for just as the mountain of the east inclined towards the north in the direction of the blessed country which was occupied by the septentrion, so that part which is directly opposite it must incline to the south, which they imagined a region of death and desolation. This was the result of the Accadian nomenclature for the four cardinal points, which differed fundamentally from that adopted by the Semitic nations. Whilst for the Assyrians the east was *sadû*,

¹ His name means porter.

² *II A I IV, 27, 2*

³ Dilbat, the planet Venus.

"the rising," the west *akharu*, "the point placed behind" the observer, the north *iltanu* (for *istanu*), "the direction of winter," for the Accadians the east was *mer kutia*, "the cardinal point of the mountains," the west *mei mai lu*, "the point of the road of sunset," the north *mei sidi*, "the point of prosperity, the propitious point," and lastly the south, *mer urulu*, "the funereal point." We shall have to refer later to some of the consequences which seem to flow from attributing this favourable character to the north instead of the south.

The entrance to Hades was also situated beyond the waters of the great reservoir of the ocean. This too was recognized at the time when the poem about the descent of Istar into Hades was composed, for the porter of the gloomy dwellings is there spoken of once as "porter of the waters," and when he repeats to Allat Istar's request for admittance, he expresses himself thus —

These waters thy sister Istar has crossed them

We also find this in one of the most curious and strangest fragments from the third book of the magic collection. This fragment which, like so many others, has been handed down to us in a deplorable state of delapidation, for both the beginning and the end are missing, contains a series of invocations which recall those of the Egyptian Ritual of the Dead, and which have reference to all the stages of a descent into the infernal regions. Were they employed as a sort of funereal liturgy

or in rites of evocation?¹ We do not know, but the information they contain is none the less precious

One of the first invocations, the greater portion of which is now destroyed, is addressed to the "seven gods, sons of the lord of the infernal region (*En-me-sara*), who dwell in the flame,"² and to the "twelve gods of bronze placed inside the bronze inclosure, sustaining the bronze inclosure" The invocation which follows is addressed to the ears of the bull placed "on the right of the bronze inclosure," because they imagined the gate of hell to be flanked by human headed bulls like those which guarded the gates of the Assyrian palaces, only these bulls were living geni

¹ Sir Henry Rawlinson understands the object of these prayers quite differently, he calls the document a "bilingual tablet on the manufacture of a sacred bull in bronze" My readers will no doubt be astonished at this difference of opinion, but the reason of it is that although the sense of the prayers themselves is certain and the translation of them comparatively easy, the executory formulæ which accompany each of them are as yet very obscure, and in some cases incomprehensible I apprehend that the illustrious founder of Assyriological science translates as the crucible into which the melted metal is poured the word *lilis*, which appears both in the Accadian and the Assyrian texts, and which I consider means an enclosure or grating, I shall endeavour later to justify my interpretation philologically from other examples Sir Henry Rawlinson has also probably been guided by the Assyrian phrase which follows the last prayer quite at the end of the tablet, and where a bull is really mentioned *enuwa alaph ana bit mummutu useñlu*, "afterwards they lead the bull into the *bit mummutu*" But what is this *bit mummutu*? It seems to me that it is connected with the word *mummu*, "chaos," Hebrew מְדֻמָּד, "confusion," it would then be "the abode of confusion, of the state of chaos," which is a very suitable name for the gloomy and infernal region, and so much the more because the Accadian equivalent of *mummu* is *umun*, and because we have just remarked the name *gi-umuna* as applied to Hades

However if Sir Henry Rawlinson were right in his designation, and had understood better than ourselves the occasion for which these prayers were destined, our translation would still be exact, and the allusions to the disposition of places evident and correct enough to justify our interpretation of these fragments If the word in question means the crucible in which the bronze is melted, each stage of this process is compared with the entrance to the infernal pit, and consequently in this case also they give us information about the conception of it current at that time

² These seven gods are enumerated in a mythological tablet, *W A I III*, 69, 3

O great bull very great bull which stampest high
 which openest an access to the interior which openest
 the canals considerably
 which servest as a foundation to the god Ul sara¹ the
 reaper of the fields²
 my brilliantly pure hands have sacrificed before thee

The bull on the left of the bronze inclosure³ is
 invoked in his turn —

Thou art the bull engendered by the god Ungal turda⁴
 the entrance to the tomb is thy act the lady with
 the magic wand fashioned thee for eternity⁵
 The great⁶ the boundaries the limits fixing the
 division between heaven and earth 𐎶𐎵𐎠𐎶 he
 watch

The fourth deity is connected with an act which
 takes place "in the interior of the bronze enclosure
 He is invoked as a personal and active god, as the
 living mountain, in fact which commands the en-
 trance —

O thou who shadest the plain lord who givest shade by
 spreading thy shadow on the plain
 Great mountain father of Mul ge who shadest the plain
 pastor who rulest destinies who shadest the plain

¹ The Assyrian version at the high doors (?)

In the Assyrian version he is open (?)

² The Assyrian version assimilates him to Serakh the god of harvests

³ A metaphorical way of saying he bears the earth with its harvests — *Ed*

⁴ The tablet only gives the Assyrian version of this name whilst all the others are blank

⁵ The text has the god as an allusion to the metamorphosis related above of Ungal turda, i.e. the bird of the same name. Thus god is called Surturda by Smith. In his *Chaldean Genesis* he also regards the Zubar as a species of eagle but the whole of the myth is at present uncertain. Surturda appears to have been the person deity adopted by Izdubar. — *Ed*

⁶ Lacunæ

The two following verses are destroyed, an invocation to Mul-ge and other gods associated with him follows. In consequence of a fracture the ends of all the lines have disappeared, and it is impossible to replace them in full

Veritable pastor, (sublime) pastor,
 Mul-gelal, (veritable) pastor,
 Lord of all the countries, (veritable) pastor,
 Lord of all the celestial archangels, (veritable) pastor,
 Lord of all the ' (veritable pastor),
 Lord who guards his country, (veritable) pastor,
 Lord who guards his country
 establishing the riches
 establishing the possessions
 the lofty residence
 the lofty place
 the place of lofty repose
 exalting the town
 Lord, Master of the earth, (Hea, king
 Lord Sılık-mulu-dug
 Lord, Father, Meime
 Brave Lord, Utu
 Lord Uias
 Sublime Lord, Dun-kun-uddu
 Direct the hand, (strengthen) the hand,

¹ Here is another incomprehensible word in either the Accadian or the Assyrian

One of the appellations of Nin-dara or Adar, by which he is distinguished in the Assyrian version

³ "The hero of the dawn," the god of the planet Mercury under his sidereal name, the conception of this god is necessarily anterior to the time when the same planet was attributed to the Nebo of the Chaldaeo-Babylonian religion. The Accadian god Dun-kun-uddu, called in the Assyrian Dapina (as an abbreviation for *yum dapinu*, "accompanying the day") continues, however, to figure in the lists of divine personages, although he is no longer mentioned in the invocations of a later date. *W A I III*, 69, l 15-20, c, d, gives a list of his Accadian titles, amongst which we notice *en gusun*, "lord of the light," *ungal gusurra*, "lord of the light," *ungal udda*, "king of the day"

direct the hand (direct) my steps

direct this invocation (make) this invocation (succeed)

Of the last invocation we have only the ends of the lines containing but two or three characters, which allow us to see that most of the verses finish with the word "purify, and that the two last contain a request to open the gate. This is followed by the enigmatical phrase —

Then the bull is led into the dwelling of the state of chaos

Whatever may have been the object of these prayers and the ceremonies with which they were connected, the allusions to the entrance of things are very clear, particularly those addressed to the two bulls. My opinion is, that the numerous mythological allusions which are contained in this piece, thus marking it as so different from the ancient incantations, should decide us to attribute it to a later epoch, as compared with many other parts of the magical collection in which it is contained. But the data with which it furnishes us are nevertheless only a development of ideas that existed in embryo at the most ancient period.

The demons and the spirits of diseases 'came forth from hell,' they were "the productions of the *arali*,' "the children which were born of the earth." One of the most formidable of them, Namtar the plague personified, was described as the "favourite son of Mul ge, by Nin ki gal." Here was a god then not belonging essentially to the bad principle, who was

H A I IV 1151

H A I IV 1 c 1 1 1

H A I IV c 1 1 1

* B A I IV 1 c 1 1 51

sometimes invoked as favourable, yet he was the father of one of the most wicked demons, to whom the greater number of the others were subject. In the same way, the seven bad spirits which devastated the heavens and made war on the moon, were sons of the god of this zone of the world, of Ana, as well as of the god Fire, who was one of the most powerful adversaries of the powers of darkness.

We may add that the spouse of Namtar was also invoked amongst the good spirits,¹ and that this characteristic is even seen in her name, Khusbi-kuru; "an encounter with her is of good omen, is propitious." This dissipates entirely the idea of any moral symbolism in the dualism of the religion of the Accadian magic books. The good and bad spirits were not connected with different principles, for they could issue from or be united to one another. If some were good and others bad, it was by a sort of blind fatality, and the eternal contest between them more apparent than real, was only the struggle of the elements in their own breast, a condition which was necessary to the life of the universe.

As a logical consequence from this point of view, also it was not only demons who were placed in the gloomy empire of Mul-ge, since amongst the protecting spirits, we find mentioned "the male and female spirits, lords of the infernal regions."² The master of the lower abyss had begotten, besides Namtar, one of the warrior gods whose special mission it was to combat demons, monsters, and plagues, like a true Hercules. This was Nin-dara, who is called

¹ *II* A I IV*, col. 2, l. 51

II A I IV*, col. 2, l. 23, 24

also Uras and was afterwards assimilated to the Chaldean Babylonian deity Adar, and indeed furnished many characteristic traits of the original physiognomy of this god in the new religion

Nindara was the nocturnal sun, the sun hidden in the lower world during half his course. Naturally luminous, although plunged in the regions of night he combated the darkness which surrounded him, and ended by triumphing over it at his rising. He was therefore pre-eminently the warrior god. He regulated the times and hours in his daily course exercised an influence over life and movement throughout nature, and like Utu the diurnal sun he was regarded as an arbitrator, a judge, and a regulator of destiny. There exists a long magical hymn to Nin dāra, which repeats from time to time as a refrain, this invocation

Nin dāra lord son of Mul ge measure and judge

Or else

Nin dāra lord son of Mul ge decide the fate

And in another place,

The command of the sun is thy command like a judge
rule the lands

Everything that exists recognizes thy command

The hymn, which is very majestic in its style, is in the form of a dialogue between the god and the person by whom he is invoked. It turns upon the exploits of Nin dāra whose war-like power is forcibly depicted —

Cf the Egyptian solar myth of the god Ra in his daily acts of turning the sun
god of Had s, the underworld. See *Revue de l'Égyptologie* 111 — 112

Thou, during thy action, roarest like a bear
He is represented covered with his armour

Thou, thou (coverest) solid copper like a skin

He is invited to come "from the mountains of the high country," namely from Elam, and from the "mountains of Makan," the country whence they obtain metals for armour, the peninsula of Sinai, so celebrated for its copper mines, which the Egyptians had worked from the time of the fourth dynasty¹

This hymn makes frequent mention of certain precious stones which the god possessed, and of which he was the master, their talismanic power was exercised "against the rebel countries" Antiquity always referred to Chaldea the origin of the superstitious belief in the magic power of gems Pliny² points out a book on this subject by a certain Zacharias of Babylon, which was dedicated to the king Mithridates It was evidently a writing belonging to that Greco-Babylonian literature which was so widely developed during the centuries bordering on the Christian era, and which had the same connection with the real Chaldean doctrines as the Grecian literature of the Hermetical books had with the doctrine of ancient Egypt

¹ These mines situated in the Wady Magarah at the foot of the Sinaitic mountains, were celebrated also for their production of *masfa* or turquoise, and the goddess Hathor was specially regarded as their local deity After the period of Shafra of the fifth dynasty the works were abandoned for several centuries, but were again reopened and worked with considerable energy and profit by Thothmes II and III, and the first three monarchs of the Ramesside line The neighbourhood abounds with excavations, votive stele, and the debris of neglected workings — *Ed*

² *Hist Nat*; XXXVII, 10





CHAPTER VIII

The Mythology of the Underworld

WE have seen in the preceding chapter that the sun of the lower hemisphere was also the god of the hidden metallic and mineral treasures, which, like him, were only waiting to come out of the earth to shine with a luminous splendour, and this shows an order of ideas of a peculiar nature, and very characteristic of the nations of the Turanian race, namely, the adoration of the spirits which kept in the bosom of the earth the riches concealed there, and who were the gods of metallurgy. As Baron Eckstein has very justly remarked, "There are some nations, like the Pelasgic races, who worship the gods of the abyss, in their connection with the fertility of the soil and agricultural products. There are others, and these are the Finnish, Turkish, Mongolic, and Tungusic races who worship them from a different point of view, since they do homage to the splendours of a metallic world, connecting this adoration with the magic worship and talismanic superstitions." Traces of these notions are not wanting in the

Accadian magical books, and therefore we see invoked¹ in them as protectors, side by side with Silik-mulu-khi,² the god of gold, "who purifies gold," the god of silver, of copper, the lord god of the east in his mountain of precious stones, with the god of the cedar, to which tree was ascribed a peculiar power to avert fatal influences and sorcery.

The demons issuing from the lower abyss had, like the sorcerers who held intercourse with them, a particular preference for the darkness in which they originated. They liked to profit by the gloom, and so to slip into the world and to work evil there. Darkness was itself a visible manifestation of the evil principle, as light was a manifestation of the good. The primitive Accadians appear to have had the same terror of the night as the Aiyas of the Vedic ages, in this idea they were very different from the Chaldaeo-Babylonians of earlier times, who delighted in the sight of the starry firmament, and knew no higher, no more splendid expression of the divinity than those starry hosts to which their worship was addressed.

According to the magical hymns, the diurnal sun, shining in the highest regions of the heavens and dissipating the darkness, was one of the most active protecting gods, a great enemy of demons and sorcerers. One hymn³ addressed to him begins thus

O thou, who causest lies to disappear, thou who dissipatest
the bad influence of wonders, of auguries, of evil prog-

¹ *W A I II*, 58, 6

² While these sheets were passing through the press, M. Lenormant has seen fresh reason for restoring the last syllable of this name as it stood originally — *Ld* /

³ *W A I IV*, 17 verso

nostications of dreams of wicked apparitions thou
 who defeatest wicked plots, thou who ledest men and
 countries to perdition who abandon themselves to
 sorcery and witchcraft, I have shut up before thee
 their images (of the bad spirits) in the raised heaps of
 corn Do not allow those who cast spells and
 are hardened to rise

May the great gods who have created me take my
 hand! Thou who curest my face direct my hand
 direct it lord light of the universe Sun

The sun was not one of the highest gods of the
 religious system which had served as a foundation for
 Accadian magic, his power did not approach that
 of the three great spirits of the zones of the universe
 But it was just his lower rank that made him more
 accessible to the prayers of man, and the fact that
 his influence upon man and the phenomena of life was
 so sensibly felt, made them assign to him the office of
 arbiter of events and of fate, while lastly, as he dis-
 sipated darkness, and consequently was engaged in a
 struggle with the bad spirits, he became one of the
 supernatural personages to whom the magical invo-
 cations were most frequently addressed The collec-
 tion contained many hymns addressed to him These
 have often a touch of real poetry, like the following,
 the opening portion of which has unfortunately dis-
 appeared —

Sun thou shinest in the deepest heavens ³ thou openest
 the bolts which close the high heavens thou openest
 the gate of heaven

Here the indication of the talismanic use of images of demons in
 order to repel their attacks

H A I IV o

³ In the horizon

Sun, thou raisest thy head above the countries
 Sun, thou stretchest the vast heavens above the countries,¹
 like a covering

Cite we also the beginning of another hymn, the
 mythology of which was very fully developed ²

Great lord, from the centre of the high heavens thou
 (comest) into our sight

Sun, valiant hero, from the centre of the high heavens
 thou (comest) into our sight

At the opening of the high heavens, at the door, thou
 appearest

The bolts of the high heavens ³

In the great door of the high heavens, in the opening,
 which belongs to thee, in the highest summits of the
 high heavens, high in thy rapid course (the celestial
 spirits) respectfully and joyfully approach thee, ³
 they exalt thy crown, they raise thee up rejoicing

In . . .³ in the repose of thy heart the days fly

The (spirits) of all countries greatly surround thee The
 (spirits) of heaven and earth turn towards thee

This hymn was composed for the cure of some
 malady, as the text shows from the place where it
 recommences, on the original tablet, after a gap of
 about a dozen lines The priest addresses the god,
 speaking of the invalid in the third person, and he
 pretends that his power is of divine origin, which
 gives him the right to command the sun

As for me, the lord has sent me, the great lord, Hca, has
 sent me

4

Thou, at thy coming, cure the race of man, cause a ray
 of health to shine upon him, cure his disease

¹ The terrestrial surface.

² *W A I IV*, 17 recto.

³ Lacunæ

⁴ Here occurs a verse which I am not yet competent to translate

The man son of his god is burdened with the load of his
omissions and transgressions

His feet and his hands suffer cruelly he is painfully
exhausted by the disease

Sun at the raising of my hands come at the call eat
his food absorb his victim turn his weakness into
strength

By thy orders may his omissions be forgiven! may his
transgressions be blotted out!

Break his chains may he recover from his illness!

May the king live!

May thy majesty protect him during the remainder of
his days!

Confirm thy sentence upon the king!

The invalid for whose sake they uttered the invocation was then the king. I have already spoken of the peculiar idea of penitence which it expresses, and which does not bear a very primitive stamp.

In this hymn we come upon a new and important idea which we have not encountered before, but of which the hymns already cited have suggested indications. The idea is this, that diseases were often times sent as chastisements for sin, and by the permission of the celestial and benevolent deities, one of the chief of whom was the pre-eminently propitious deity Hea. But Hea could not cause evil by himself, and therefore, if he chastised, it could only be by suspending for the time his protecting influence, and by abandoning the doomed man to the action of evil spirits, and to the demons of disease. Man could also obtain a cure for the evils which Hea had allowed to come upon him, through the help of a god less high in rank than Hea, such as the sun, which would not be

possible if this evil were the direct personal work of Hea

The beneficent office of protector attributed to the sun, the facility with which men could hold intercourse with him, so much more easily than with the three superior gods, was also the peculiar property of the deities of the pure elements of the atmospheric zone, intermediate between heaven and earth. They were worshipped either in their material reality, or in the persons of the spirits which animated them.

As amongst the Vedas the winds present themselves sometimes as a single god Vayu, and sometimes as an assemblage of gods, the Maruts, so the fragments of the Accadian magical collection recognized, besides the special spirits for each wind, some of which were good and some bad,¹ one god or spirit of the winds in general, Imi or Mermer,² who is often mentioned, but always in an incidental manner, in the fragments which have been handed down to us, and they represent him chiefly as producing the fertilizing rains. He was afterwards identified with the Chaldaio-Babylonian deity Bin or Ramanu,³ whose attributes were of a wider scope since they embraced all the atmospheric phenomena, and who indeed appears to have originally personified one of the aspects of the solar system.

One of these hymns is addressed to the waters which flow over the earth ⁴.

¹ The reader will consult what has been said farther back of the demon of the west wind, and the mention of the evil winds in the long incantation, a translation of which opens the first chapter of this work.

² The augmentative and factitive form of sea, "the cardinal point, from whence the wind blows."

³ The Rimmon of the Old Testament

⁴ *W A I IV*, 14, 2 recto

Sublime waters (waters of the Tigris) waters of the Euphrates which flow in their place abundant waters which dwell together permanently in the great reservoir children of the ocean which are seven the waters are sublime the waters are brilliantly pure the waters glisten

In the presence of your father Her in the presence of your mother the spouse of the great fish may he be sublime! may he be holy and pure! may he shine! may the malevolent and destructive mouth have no effect! Amen

Another tablet invokes the river as a special and personal god —

River god who pushes forward like the bark of a ship¹ drives before him the evil fate like a formidable deer

May the sun rising dissipate the darkness! they will never again prevail in the house

May the evil destiny depart into the desert and high places

The evil fate Spirit of the heavens conjure it! Spirit of the earth conjure it!

Amen The evil fate which stretches over the earth River god break it

This river god (Arī) re appears later in the lists of gods of the second rank,⁴ with various Accadian names, amongst others, that of *Arīa mulu rutik*, "River which rushes forward like a spike, a spur," and the same lists mention his spouse, Kī kuru nūr, his son Sazī, and his messenger, they occur side by side

¹ Th Assy an er on s b t t s for th s utl the ame of Davk a

² H A I IV 14 recto and so

³ Th A syrian ers nomat ths omparis n

⁴ H A I II 56 l 6-3 c d

with Hea's six sons. The same lists¹ notice several other divinities of the humid element which have purely Accadian names and belong to the ancient Accadian elementary mythology. Ungal-a-abba, "the king of the sea," Ungal-ariada, "the king of the river," and Ungal-aba, "the king of the wave."

Amongst the magic fragments we have one more hymn² to the wave of the ocean, personified as a protecting divinity, whose waters are celebrated as "the waters shining with purity," the "sublime waters, holy waters, vivifying waters," collected in "the holy and pure ocean."

Amongst the personifications of the waters we must place "Khi-tim-kur-ku, daughter of the ocean,"³ since her name appears to mean, "the spring which surrounds the sublime mountain;" and it was therefore the paradisiacal spring celebrated in the traditions of so many different nations.

The theological importance of fire was very different to these deities. He was worshipped in his material reality as a god superior even to the sun, under the very same name which is used to designate the element of fire in the ordinary language, *is-ba*, or rather *bar*, for the first sign seems to be simply a silent determinative which is the equivalent of the ideographic character "god." He, or rather it, is still more frequently called Bil-gi (indeed that seems to have been the first title assigned to it), which must be translated as "the fire of the rushes," the fire issuing from an instrument analagous to the

¹ *II^r A I II.*, 59, 1 38-40, d, e.

² *II^r A I II.*, 58, 6 recto

³ *II^r A I IV.*, col 2, 1 53

arani of the primitive Aryas, which was made out of a ligneous reed. This conception of him and the attributes assigned to him connect him evidently with the Agni of the Vedas.

A hymn says —

Fire supreme chief rising high in the country !
 Hero son of the Ocean rising high in the country
 Fire with thy pure and brilliant flame
 thou bringest light into the dwellings of darkness
 thou decidest the fate of everything which has a name
 Thou mixest copper and tin
 thou purifiest gold and silver
 Thou art the offspring of the goddess Nin kī sī !
 May the works of the man son of his god shine with
 purity !
 May he be high as heaven !
 May he be holy and pure as the earth !
 May he shine as the midst of heavens !

In the formula quoted above enumerating the different kinds of sorceries, we have already seen fire invoked as the great agent in dissipating spells, the hero who puts the demons to flight. So also he is represented in this fragment of a hymn *

(Thou) who chasest the wicked *Maskim*
 who (developest) † the blessing of life
 who strikest terror into the heart of the wicked
 guardian of the oracle of Mul gelal
 Fire destroyer of enemies
 terrible weapon which chasest the plague,
 fertile brilliant

Th *prama ul* or fire who l—Ed

H A I IV 14 2 verso

† Da l n

‡ H A I IV 1 1st vs

* Not understanding the exact meaning of the word he c I have replaced it by a conjecture based on the general sense of the passage

Universal peace and shelter from the attacks of the malevolent were due to the protection of this god

Repose of the god Fire, the hero,
 may countries and rivers rest with thee !
 May the Tigris and (the Euphrates) rest with thee !
 May the sea rest with thee !
 May the road of the daughter of the gods rest with
 thee !²
 May the interior of the productions (of nature) rest with
 thee !
 May the hearts of my god and goddess, spirits rest
 with thee !
 May the hearts of the god and goddess of my town,
 spirits rest with thee !
 In this day may the interior of the hearts of my
 god and goddess open,
 and may the evil destiny be expelled from my body³

The last verses, which are very much mutilated, call upon the god Fire to act as a judge and saviour.

Hymns to the deity Fire abound in the magic collection. He was worshipped principally in the flame of the sacrifice, and therefore he was called "the supreme pontiff upon the face of the earth"⁴. But this god was also recognized in the flame which burnt on the domestic hearth, and protected the house against evil influences and demons, hence arose the titles he sometimes received of "god of the house" (*dimmer êa*), "protector of the house" (*uru êa*), "protector of the family" (*uru sîḫar*)

This god, who resided in the flame of the sacrifice

¹ Lacunæ

² There seems to be an allusion here to the milky way

³ *II^a A I IV*, 8, col 4

⁴ *II^a A I IV*, 1, col 2, l 42

and in that of the hearth, was also the cosmic fire, distributed throughout nature, which was necessary to her existence, and which shone in the stars. Regarded in this light, he was adored as the son of Ana, the heavens personified, and addressed as "the god who rises high, the great chief who commands by the supreme power of Ana," and this was the reason why we have seen him struggling vainly to prevent the ravages made by the terrible *Mashim* throughout the economy of nature. Another hymn, addressed to him in his highest and widest office, begins thus —

Lord with the exalted heart owner of the wealth of the
great gods

¹ of Mul ge who exaltest the heart upon the earth
owner of the wealth of the great gods

Lord of the immense space who exaltest the heart in
the heavens owner of the wealth of the great gods

hero Fire heroic male who risest²

who risest like a garment who clothest space

Powerful Fire who raisest³ the high mountains⁴

who deliverest from maledictions who illuminest the
darkness

I think these quotations show clearly enough how great was the importance of the god Fire in the religious system of the Accadian magic books. He belonged exclusively to them, in the documents of the Assyrian period he is only mentioned once amongst the *du minores*, and then as a symbolical

H I I IV 15

H A I IV 63

¹ Lac na

² In the Assyrian text so hero Ist c, who 1st male warrior

³ Literally ho p sh s forward

⁴ In the Assyrian text so the steep mountains.

personification rather than a god, when Sargon calls the month of Ab¹ "the month of the descent of the Fire chasing humid clouds"². The Assyrian translators of the magic hymns generally simply transferred his name in their versions. But at other times they tried to assimilate him to the gods of the Chaldaio-Babylonian religion, likening him sometimes to Nebo, and sometimes to Bin. His character changed with his rank, from the beneficent and protecting god that he was at first, he became a terrible and formidable king. For in my opinion he is to be recognized, under the name of Isuv (and not Itak), in the personage mentioned in a tablet lately discovered by Mr George Smith,³ as walking before Nitara or Lubara the god of epidemics, to herald his destructive approach.

But although the old Accadian god Fire lost his place in the Pantheon, he was frequently mentioned in epic poetry. Assuming a solar character, he became, under the name of Izdhubar, or rather Dhubar (*dhu-bar*, mass of fire),⁴ the hero of one of the principal epic histories, the one containing the narrative of the deluge. No one who is endowed with a critical mind can doubt that Izdhubar or Dhubar is a god transformed in epic poetry into a terrestrial hero, and not an historical king, as Mr Smith would have him considered. His solar

¹ July-August

² Oppert, *Inscriptions de Doui-Sar kayan*, p. 18, and *Records of the Past*, Vol VII

³ *Chaldaean Account of Genesis*, p. 131

⁴ The insertion of the element *dhu* between the sign *iz* and *lar* proves that *iz* is in this case simply a mute determinative, since if *izlar* or *gislar* had been conjoined the compound would necessarily read *dunzar* or *du_gislar*

nature comes out clearly in his exploits in epic poetry, in twelve great enterprises corresponding to the signs of the zodiac, as also in his position as son of Samas. At the same time his primæval character of an elementary god, his identity with the Fire, Bar or Bilgi of the Accadian magic books, seems to me strongly marked in an invocation in the Assyrian tongue against the spells of sorcerers, which is addressed to him in conjunction with the earth

Earth! Earth! Earth and Dhubar! O ye masters of talismans!

A fragment of a tablet brought over by Mr Smith from his first journey into Assyria contains the beginning of a prayer to this god, who is described there by the Assyrian titles of *gilmalu*, "generous," *gilmalu emuqi*, "generous in his power."

Fire was naturally the greatest and most active of the gods with whom man could hold direct communication by means of sacred rites and magic incantations, an intercourse of the most intimate nature might be established with him, since man himself produced him, or at least placed him at will upon his altar, by lighting on it the sacrificial flame. As to Hea, the chief *averruncus*, the soul of the super-terrestrial zone, the supreme protector, the god to whom they had recourse when all else failed, he was too high and too far from humanity, in spite of all the power attributed to sacramental words and magic operations, for the prayers of man to go straight to him and influence his will. They imagined therefore a

god specially charged with the office of mediator between man and Hea, who does not appear to correspond with any phenomena of nature, and who had no other office but that of mediator. This was Silik-mulu-khi, whose name means "he who distributes good amongst men"¹ He says, according to one hymn,²

I am he who walks before Hea,

I am the warrior, the eldest son of Hea, his messenger

The insignia of his office was a reed, which took the place both of the royal sceptre and of the magical wand, and which was transmitted later to Marduk of Babylon, as a consequence of the assimilation by which he obtained the attributes of Silik-mulu-khi. A magical formula³ describes the divine sceptre itself, and assigns the following words to it

Golden reed, great reed, tall reeds of the marshes, sacred
bed of the gods,

I am the messenger of Silik-mulu-khi,
who cause all to grow young again

This formula seems, however, to identify it with the reed of the utensil resembling the *anam*, the reed which serves to kindle the sacred fire, because after the words supposed to be spoken by the divine attribute, the invocator says in his own name

May the god of the house be installed in the house⁴

May the favourable demon, the favourable god enter the
house¹

¹ His name sometimes has variations, of which we cannot understand the sense, such as Silik-ri-mulu. We may notice that of Silik-kuru, meaning "he who arranges the good omen"

² *W A I IV*, 30, 3

³ *W A I IV*, 6, col 5

⁴ Lacuna

The wicked demon the wicked (*Alad*) the wicked *Gigim*
 the wicked *Telal* (the wicked god) the wicked *Maskim*
 the phantom the spectre the vampire
 Spirit of the heavens conjure them ! Spirit of the earth
 conjure it !

The title of "god of the house" was as we have seen peculiar to the deified Fire. We may suppose, therefore, that this formula in question was to be pronounced during the act of kindling, by means of *Silik mulu khi's* reed, the flame of the domestic hearth, the protecting god who banished demons and evil influences from the house.

Silik mulu khi revealed to man Hea's will and knowledge. We have seen him a prominent figure in all the incantations of a dramatic character, he was there represented as carrying to Hea the appeals of men who were tormented by malignant spirits and diseases, he explained their sufferings to him and asked his help, it was to this divine personage that Hea unfolded the secret which had power to ensure the defeat of the demons, imposing upon him the duty of carrying out the rites of liberation. Further when gods such as the Sun or the Fire desired to implore the aid and supreme intervention of Hea, they also first had recourse to the mediation of *Silik mulu dug*. After the quotations in the first chapter, however, we do not need to develop this conception more fully or to add any new proofs of its truth.

It was to *Silik mulu khi* that this beautiful fragment is addressed, in which the language bears a strong

resemblance to that of the 147th Psalm,¹ and which expresses in forcible terms the power of the command imposed upon the whole of nature in the name of the god

Who can escape thy hail ?²

Thy will is the sublime scimitar with which thou rulest
heaven and earth

I commanded the sea, and the sea became calm

I commanded the flower, and the flower ripened its grain,³

I commanded the gudge of the⁴ river of Sippara,⁵ and by
the will of Silik-mulu-khi I overturned its course

Lord, thou art sublime, what transitory being is equal to
thee ?⁶

Silik-mulu-khi, amongst all the gods who are named,
thou art the remunerator

Hero, amongst the gods who . . . the enemy . . .⁷

Silik-mulu-khi, the enemy . . .⁷

Lord of battles . . .⁷

A hymn composed posterior to the assimilation which was afterwards made between Silik-mulu-khi and the Babylonian Marduk, explains his benevolent office in terms worthy of attention⁸

(Great lord) of the country, king of the countries, eldest
(son) of Hea who bringest back (into their periodical
movements) heaven and earth,

Silik-mulu-khi (great lord of the country, king of the
countries, God amongst the gods,

¹ See my *Premières Civilisations*, Vol II, page 169 and the following. The translation of the text that is given here is considerably amended

² *IV A I IV*, 29, 1

³ In the Assyrian version, "the flower is withered"

⁴ In the Assyrian version, "of the Euphrates"

⁵ The Assyrian version omits this word

⁶ *IV A I IV*, 26, 4

⁷ Lacunæ

⁸ *IV A I IV*, 29, 1

Director) of Ana and Mul ge
 Merciful one amongst the gods
 Generator who bringest back the dead to life
 Siliḫ mulu kḫi king of heaven and earth
 King of Tin Tīr³ king of E saggadhu
 King of the E zida⁴ king of the E makh tīla⁵
 to thee are heaven and earth¹
 To thee are heaven and earth round about¹
 To thee is the lip of life¹
 To thee are death and life¹
 To thee is the sublime bank of the pit of the ocean¹
 All men belonging to the human race¹ all who breathe¹
 all who bearing a name exist on the surface of the
 earth
 the whole of the four regions of the world the archangels
 of the legions of heaven and earth how many soever
 they are

Thou art the (propitious god)
 thou art the (favourable giant)
 thou art he who gives life
 thou art he who saves
 the merciful one amongst the gods

Here tak the se se of heaven and earth

In the Assyrian versio mercif l e

³ Babylo as the Assyria ve s o has t

⁴ Th ho that ath s it head th n me f the Pyram d of Babylo the
 princ p l s at of the wo sh p of Mard k in B byl

⁵ Theh se f th righ t d o the house of equity the nam of the st pped
 towe t B rs pp

⁶ The s p me house of lfe th am of a othe templ at Bo s ppa

⁷ I th Accadian s k m o sak gi ga in the As y an l t qaq q d lterally
 those with bl ck h ad a t f eq e t d s g at n of ma k d h h appea s
 to l t t the trad t f the p m t e e te ce f two rac s of me one of a da k
 mple n th th f a f n t lke the h lde e of me a d the ch lde n of
 God m t ned the first chapte s of Genes

⁸ I the Assyr ers on th d vel pm t of l f

He occ rs a gap of s e all s

the regenerator¹ who bringest back the dead to life
 Silik-mulu-khi, king of heaven and earth,
 I have invoked thy name, I have invoked thy sublimity
 May the gods (celebrate) the glories of thy name¹
 May they (bless) his submission unto thee¹
 May the invalid be delivered from his disease!
 Cure the plague, the fever, the ulcer¹
 The wicked *Utug*, the wicked *Alal*, the
 wicked *Gigim*, the wicked *Talal*,
 the wicked god, the wicked *Mashim*
 the phantom, the spectre, the vampire,
 incubus, succubus, nightmare,
 the bad (plague), painful fever, the bad malady,
 he who causes (evil), he who produces evil,

the wicked sorcery, the philter²
 (Spirit of the heavens, conjure it¹ Spirit of the earth,
 conjure it¹)

Silik-mulu-khi is thus very clearly identified in this hymn with the Marduk of the Chaldaio-Babylonian religion, and the Assyrian translators of the magic texts have always rendered his name as such. But this assimilation does not correspond precisely with the primitive conception of him, for we see yet nothing which attributes to Silik-mulu-khi the planetary character which was assumed by Marduk in the definitive organization of the Chaldaio-Babylonian system, nor the solar character which he had originally. This assimilation was probably made when Marduk had become decidedly the god of the planet Jupiter, "the Great Fortune" of the astrologers, which justified them in connecting with his other attributes the

¹ In the Assyrian version, "the merciful one"

² Lacunæ

favourable and protecting office of Silil mulu l hi. Or perhaps it is still more likely to have taken place before this, and to have had its foundation in the cosmogonic legend, which represented Marduk as the champion of the celestial gods, fighting and conquering "the scaly Tiamat." In fact this exploit agreed perfectly with the usual *role* of Silik mulu l hi, and on the other hand, the struggle with the powers of darkness was also very naturally attributed to a solar god, which character Marduk originally possessed. Here then, according to all appearances, lies the analogy between the myths, which produced the assimilation. But we must also remark that the old Accadian orthography of the name of this god was never used in the documents of the Chaldaeo-Babylonian or Assyrian religion as an ideographic or allophonic notation for the name of Marduk. The identification is only to be found in the lists of gods, like the Assyrian versions of the magic formulæ, while other fragments of those mythological tablets seem to admit a distinction between Silik mulu l hi and Marduk.

No one can fail to be struck by the close connection between the earliest conception of Silik mulu l hi, in the Accadian magic books, and that of the archangel Craoscha, "the holy and strong," in the most ancient texts of the religion of Zoroaster, and particularly with the office of mediator attributed to Mithra, probably under the ever increasing influence of the Median Magism, which tended at that

See G. R. V. on *The Five Great Myths of the Ancient Eastern World* Vol. II p. 38. Vol. III p. 348.

time to deeply corrupt the ancient purity of Mazdeism¹. Any one well versed in the science of comparative theology will at once perceive the striking points of resemblance which exist between the doctrine of ancient magic and that of the religion of Zoroaster, principally in its latest books, namely, a fundamental dualism, fire-worship, and the existence of a god who acted as a special mediator between man and the pure and supreme spirit Ahuramazda². These are very striking analogies, which need to be examined by the light of a deep study of the Accadian documents, and which, from henceforth, open new fields for research. Already several learned men, who have devoted their vigils to the study of the sacred books of the Iranian religion, like M. Spiegel, have sought at Babylon the source of some of the data found in the writings attributed to Zoroaster, but which do not belong to the older traditions. This opinion should without doubt be somewhat modified, because the influence, thus introduced into the ancient fund of pure Aryan traditions, was rather that of the true Accadian system than of the Chaldaio-Babylonian religion, the sister of the religions of Syria and Phœnicia. We must also keep in mind an important point in this question, Mithra, and particularly his office as mediator (since the name itself was already applied amongst the Vedas to a solar personification), is nowhere mentioned in the most ancient portions of the collection of the Avesta, that is, in the hymns called *Gathas*. The

¹ See my *Lettres Assyriologiques*, Vol I, p. 103.

² See Bleek's edition of *Haug's Translation of the Avesta*.

analogies we have just pointed out appear most prominently in those parts of the collection which bear reference to a development posterior to Mazdeism, and scholars are now unanimous in admitting that these portions of the Avesta belong to a new phase of the Persian religion, when its original spirit had been already much modified by the influence of Median Magism. This Magism itself, which long remained at variance with the orthodox Mazdeism resulted from a mixture of the old Iranian doctrines expressed in the *Gathas*, with extraneous doctrines as, for instance, those of the religion belonging to the ancient Turanian people of Media, who were nearly allied to the Accadians of Chaldea, and thus ultimately foreign ideas predominated in Magism over its Iranian notions. All that can be gathered of the fundamental data of Magism from the classical writers, its worship of the elements and their spirits, added to the importance it attributed to the magic rites, recalls very forcibly to our minds the religion of the Accadian tablets. It is possible then that these analogies indicate an original community of doctrine and race between the Accadians and the Turanian foundation of the Median nation, rather than a direct influence of the beliefs of the most ancient Chaldean inhabitants upon Mazdeism. Sir Henry Rawlinson has clearly demonstrated the fact that fire worship, the permanent and principal rite of Mazdeism, was borrowed by Magism from the ancient Turanian religion, which was a thing un-

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* Memoir on the Atropatenian Ecbatana in *Journal of the Royal Geographic Society* Vol. V and *Journal of the Royal Asiatic Society* London Vol. XV p. 54

known to the primitive system of Zoroaster, and that it originated in Atropatene. At first I myself opposed this idea, by dwelling principally upon the importance of the worship of Agni amongst the Vedas, but I must confess that now I am less positive, considering the part played by the god Fire and his worship in the primitive Accadian religion, whilst the *Gathas* contain nothing similar to the worship of Agni in the Vedic hymns. It seems to me indeed that the subject must be considered again, and the explanation of it will henceforth partly depend upon the results of further study of the Accadian books. Henceforth we ought to place amongst the allowable hypotheses that one which supposes that fire-worship was at first common to both the Turanians and the Aryans, and therefore of an extremely ancient origin, and that it may have been repudiated by the Zoroastrian reform, and then afterwards restored in Mazdeism, itself already somewhat changed by the influence of the Medic magic.

How many new and important questions in religious history arise from these Accadian magic books, which we have as yet only begun to examine, and which still necessitate long and patient study! Many are the questionable points which rise up before the mind of the scientist, definite answers to which cannot be expected for many years to come. But much has been gained when a problem is clearly stated, since that is the first step towards its solution, and among the most striking analogies existing between the beliefs of our magic documents and certain points in the secondary

development of the Mazdean religion, we have not yet mentioned the most important of all, the doctrine of the Mazdean Fravishis, or the Fervers of the modern Parsees

The Fravishis of the religion of Zoroaster were the simple essences of all things, the celestial creatures corresponding with the terrestrial, of which they were the immortal types. Stars, animals, men, angels themselves, in one word every created being, had his Fravishi, who was invoked in prayers and sacrifices, and was the invisible protector who watched untiringly over the being to whom he was attached. These were obviously the Chaldean personal spirits of each being and each object of nature thus introduced into the Mazdean theology, and taking a place in the inferior rank of the celestial hierarchy of the Good Principle. The prototype of the human Fravishi was as clearly established as those of the Fravishis of other beings in the system which served as a foundation for Chaldean magic. In the same way that every man had his Fravishi according to the most recent books of the Avesta, so also, according to the Accadian magical tablets, and this doctrine was continually brought out in them, had every man from the hour of his birth a special god attached to him, who lived in him as his protector and his spiritual type, or, as they also expressed the same idea, a divine couple, "a god and a goddess, pure spirits," for they liked to divide every supernatural being into a conjugal duality. Hence the

expressions so frequently repeated, "the man, son of his god, the king, son of his god," meaning, the pious man, the pious king, as also in the incantations, when the one speaking says to the god Fire, for instance, "May he be given back to the favourable hands of his god." The god attached to each man, whether he were regarded as single or divided into a divine couple, was a god of a peculiar character, partaking of human nature, its imperfections and its foibles. He was not indeed as entirely good, powerful, and protecting as we might imagine from the formula which have just been quoted. Like the man to whom he was united, he could be conquered by demons or by spells, and thus become their servant, and therefore he himself, being bound by the power of the imprecation, worked in the man's body the evil commanded him.¹ When Namtar, the plague personified as a goddess, seized upon an individual, his god and goddess, as well as his body, were at the mercy of the spirit of the disease,² and we have already referred to the texts which prove this idea. We may say, in conclusion, that the god and goddess belonging to each man were a part of his soul, as also were the Fravishis, according to the Mazdean books, only in these latter the conception arose to a higher degree, detaching itself from the materiality and imperfections of the terrestrial man.

The purely spiritual beings, like the Amshaspands, the Yazatas, and even the supreme god, Ahuramazda, had their Fravishis, which may be distinguished from themselves, and is not that exactly

¹ *H A I IV*, 7

² British Museum, K 1284

the strange and subtle distinction made in the magical texts of the Chaldeans, in the quotations at the beginning of this chapter, between such and such a god, and his spirit who was regarded as a separate entity? The idea itself was a complicated one, and presupposed a great nicety of speculation upon the nature of spiritual beings, but it was nevertheless explicitly expressed, and it allowed, at one time, the admission into the incantatory litanies of the spirits of the planet gods belonging to the Chaldeo-Babylonian religion, which yet were not accepted as national gods.

This system of beliefs, as we have just shown it, without affirming anything that was not supported by a passage from the texts, has left its mark in the great Accadian collection discovered by Sir Henry Rawlinson, and it is clear that it must necessarily have given birth to an entirely magical worship. It merits a place by itself in the history of religions, where it will remain the type of the richest and most perfect development to which the exclusive worship of the spirits of nature and the elements, which was characteristic of the Turanian race, has ever attained.

APPENDIX I

The Relationship between Hea and Oannes

I CANNOT possibly continue to maintain the assimilation which I, in common with many others, established many years ago between the Oannes of

Berosus and the Ana of the Accadians, or as he is in the Assyrian Anuv The form described as that of this personage in the fragments of the Chaldean historian is found resembling that of a god, both in the sculptures¹ and upon the cylinders² But there is positively nothing in the cuneiform texts to indicate that Anu possessed the double character of a fish-god and a god of science and government which is ascribed to Oannes in the narrative of Berosus. It is on the contrary an exact representation of the physiognomy and office which these same texts assigned to Hea.

Now there is a very precious story preserved by Helladius,³ which corresponds exactly with that of Berosus except in the name of the god referred to. He relates the fable of a man named Oes, who came forth from the Erythrean Sea, with the body of a fish, and the head, feet, and arms of a man, and who taught astronomy and letters "Some say that he issued from the primordial egg, whence his name of Oes, and that he was wholly human while he seemed to be a fish, having "clothed himself in a cetaceous skin" The name here is 'Ωῆς, which is not more different from Hea than the 'Αὐς of Damascius, who must also be identified with him

But if Hea is the subject of the narrative of Berosus, how are we to explain the origin of the form 'Ωάννης,

¹ Layard, *Monuments of Nineveh*, New Series, pl vi

² Layard, *Culte de Mithra*, pl xvi, No 7, pl xvii, Nos 1, 3, 5, 8

³ *Ap Phot Biblioth*, cad 279, p 1593 But the Babylonians, like the rest of the barbarians, pass over in silence the *one* principle of the universe, and they constitute two, Tauthe and Apason, making Apason the mother of Tauthe, and denominating her "the mother of the gods" From these proceeds an only-begotten son Moymis, from them also is derived another progeny, Dache and Dachus, and again a third, Kissare and Assaros, from which last three others proceed, Anus and Illinus and Aus (Oes) Damascius in Hodge's *Cory*, p 92

which his name has assumed? I think the answer is to be found in this passage from Hyginus, "Eua hanes, qui in Chaldea de mari cūisse dicitur, astrolo gian interpretatus est" Euahanes is a more correct and fuller form than Oannes, and explains its origin, for it is clearly the Accadian *Ea han*, "Hea the fish"

Another fragment of Berosus terms this divine personage *τον Μυσαρων Ωάννην, τον Αννήδοτον* I proposed to substitute *μυστικον* for *μυσαρὸν*, which appeared to be impossible, C Muller wrote *δεύτερον* All these conjectures are now known to be needless, a capital *μ* only was needed, for *Μυσαρως* is one of the god's surnames simply copied from the Assyrian It is really *musaru* (participle of the Aphel of *𐎢𐎶𐎵*) or *musaru*, "he who ordains justice, law" As to *Αννήδοτος*, I also recognize in that a surname of Accadian origin, with the meaning of which we are not yet acquainted, but which is written in the lists of those belonging to this god,³ and which, like many others, preserved its ancient pronunciation, *Nin dutur*, in the Assyrian tongue

A third fragment⁴ enumerates the five successive theophanies or avatars of Oannes posterior to Arne dotus, between the creation and the deluge In almost all the titles which he gives them we can easily recognize the Accadian surnames of Hea with a slight alteration

Ευεδακος, Ευδακος = Dunga⁵ U Dunga⁶ correct Ευ δαγκος

Hal 64

No. 10 in my edition

³ *H A I II 58 l 63 a b*

⁴ No. 11 in my edition

⁵ *H A I II 58 l 60 a*

⁶ Documents which are as yet unpublished

'Ενεύγαμος = *Nukimmut*,¹ *Nakimmut*,² corr *Νεύγαμος*
 Ενεύβουλος = *Em-bubu*,³ a variation of *Nim-bubu*,⁴ corr
 'Ενεύβουβος
 'Ανήμεντος = *Ana-Amman*,⁵
 'Ανώδαφος. the rest is yet to be discovered

I think these various coincidences will not allow any one to doubt that the Oannes of Berosus is the same as Hca, and not as Anu

We must notice, however, that all the mythical names of the narratives translated into Greek by the Chaldean priest which have been found as yet in the fragments of the epic cycle, are purely Accadian, and therefore contradict the idea of a Semitic etymology, as at first proposed, both for themselves and for those of which the original form is still wanting.

These names, besides those already mentioned, are

'Αλωρος = *Adumu*, corr 'Αδωρος
 'Αμεγάλος, Μεγάλος = *Mulu-mugal*, corr Μεγά-
 γαλος
 'Οτιάρτης = *Ubaiatutu*, corr 'Οπάρτης.
 Ξίσουθρος, Ξίσιθρος = *Xasisatia*
 Τιτάν = *Eta-ana*

APPENDIX II

*The War of the Seven Wicked Spirits against the Moon*⁶

In the beginning, they were the wicked gods,⁷ the rebellious geni who were formed in the interior of the heavens

¹ *W A I* I, 55, 2, l 2, 11, 58, l 54, a, b

² *W A I* II, 58, l 55, a, b

³ Documents which are as yet unpublished

⁴ *W A I* II, 58, l 62, a, b

⁵ *W A I* II, 58, l 52, a, b

⁶ Translations of this have already been published by Mr Smith, *Assyrian Discoveries*, p 398 and the following, and Mr Fox Talbot, *Records of the Past*, Vol V, p 161

⁷ "Days of storm, powers of evil" Fox Talbot

They they were the agents of violence

They were seven the first

the second the hurricane

the third a leopard

the fourth a serpent

the fifth a watch dog which

the sixth a rebellious giant who submits neither to god
nor king

the seventh the messenger of the fatal wind who

They were seven messengers of Ana their king

from town to town they directed their steps

They were the tempest which rages violently in the
heavens

they were the floating clouds in the sky the rainy clouds
which are driven onward,

the gale of wind which blows violently and causes dark-
ness on a brilliant day

With the violent winds in violent winds they rose

the tempest of Mermer⁴ was the result of their war like
power

to the right of Mermer they advanced,

from the foundations of the heavens like lightning they
(shoot forth)

flowing like rivers they march forward

In the vast heavens dwelling of Ana their king

they had established evil (they had no rival)

Behold Mul ge heard this news

and he meditated a resolve in his heart

He took counsel with Hea the supremely wise amongst
the gods

and they placed Uru ki⁴ Utu⁵ and Fiskhu⁶ in the lower
part of the heavens to govern there

1 h e o m t t v partly d faced vers h ch are p t c larly d fic lt to translat
Lacu æ ⁴ In the Assyrian B n or Ramanu (R mmon) Im Fo Talbot
In th Assyria ve sion S n ⁵ In the Assyrian Samas

⁶ In the Assyrian I ta

they established them with Ana in the government of the
legions of heaven

These three gods, his children,

them, he commanded them

to watch day and night without fail

Behold the seven wicked gods who rose from the lower
part of the heavens

effectually obscured the light of Aku ¹

The noble Utu and Meimer the warrior, passed by them;

Tiskhu with Ana ² rose from the higher seats

and installed himself in the kingdom of the heavens ³

Behold these seven ⁴

at the head ⁴

the evil ⁴

for the drink of his sublime mouth . . . ⁴

Aku, the pastor of mankind ⁴ of the earth ⁴

was overturned and stopped in the midst (of his course),⁵

fearing night and day, and sitting no more on the throne
of his power

The wicked gods, messengers of Ana their king

plotted mischief

from the midst of the heavens like the wind they came
down upon the earth

Mul-ge saw the anguish of the noble Aku in the heavens

Master, he spoke to his servant Aku

"My servant, Nusku, carry this message for me to the
Ocean,

¹ In the Assyrian Sin Paku Fox Talbot

² In the Assyrian version, "with Ana the King"

³ Four verses are missing here, they having been destroyed by a fracture of the tablet

⁴ Lacunæ

⁵ This verse is translated according to the Assyrian version, which in this place does not keep strictly to the Accadian text. The latter is mutilated and consequently very obscure

⁶ Here follows a verse which is still untranslatable

the news that my son Aku is in great trouble in the
heavens

tell it to Hea in the Ocean

Nusku obeyed the command of his king

to Hea as a quick messenger he went

To the lord the supremely wise the unchangeable
master

Nusku gave the message of his king

Hea in the Ocean listened to this message

he opened his lips and his mouth was filled with wisdom

Hea called his son Siliḫ mulu ḫi and said these words
to him

Go my son Siliḫ mulu ḫi,

(here is) news of my son' Aku who is in great trouble in
the heavens

his anguish in the heavens is evident

These seven wicked and murderous gods who know no
fear

these seven wicked gods (destroy) like lightning (devas-
tate) the life of the earth,

they came down upon the earth like an angry whirlwind
they effectually obscured the light of Aku

the noble Utu and Mermer (passed) by them '.

A fracture of the tablet has unfortunately deprived
us of the rest of the narrative, and we have nothing
left of the verses which related the defeat of the seven
malevolent spirits as well as the deliverance of Aku

Nu kimmut, an Accadian title of Hea, which has passed into the Assyrian
language and occurs frequently in the texts

In the Assyrian version of Marduk

³ These gods are translated according to the Assyrian version the meaning of
the Accadian seems to be different but it has partly disappeared. It seems however
that the Assyrian translation to mshve mde is a mistake for Akû some verses farther
back is called the son of Mulge and not of Hea

II A I IV 5

the god of the moon This struggle about the origin of things was supposed to break out afresh each time that the star was eclipsed; so we read in an astrological document,¹ that when certain phenomena are produced "the gods of heaven and earth reduce men to dust and ruin them, there will be an eclipse, a deluge, diseases, death, the seven great and wicked spirits will exercise their powers of oppression before the moon" ²

The incantation containing the narrative of this war of the seven demons of heaven against the moon was destined to cure the king of a disease caused by the wicked spirits The god Aku, in the Assyrian Sin, was considered as the type of royalty, the first divine monarch who had reigned upon the earth, the sufferings of the king were then assimilated to his, the remembrance of his deliverance became an augury for that of the prince, the formulæ which had chased away from him the demons eager to extinguish his glory were repeated to procure the safety of the sovereign. This intention of the deprecatory formulæ is plainly shown in the fragments which remain to us of the conclusion of this text

In the dwelling of government and justice
at the gate of the palace the cry
A dyed wool of various colours, the skin of a
which has never known the male, the skin of a
which has never known the male, fashion them ,

¹ *IV A I III*, 62, col 2, l 11, 12

² Cf the dragon and sun myth of Chinese mythology, and the practice adopted by the priests of beating gongs to drive away the demon which was swallowing the sun, whom he by ultimately vomiting forth restores to his place in the heavens—*Ed*

³ These two names of animals are still doubtful

cover the feet and hands of the king son of his god
 The king son of his god like the light of Aku will cause
 the country to live again, like the brilliancy of the
 flame he raises his head

Then after a new gap of ten verses

make on his head
 present
 exhibit

may he be pure and holy, may he shine !
 The wicked demon the wicked (*Alal*) the wicked *Gigim*
 the wicked *Tlal*
 the wicked (god) the wicked *Maskim*
 they shall never enter (the palace)
 they shall never approach (the gate) of the palace
 they shall never attack the king,
 they shall never follow,
 they shall never enter





CHAPTER XIV

The Religions and the Magic of the Turanian Nations

I HAVE already spoken of the coarse naturalism manifested in the worship of the spirits of nature, which is professed up to the present time by the Ugro-Finnic tribes of the regions about the Ural and Altai mountains, and which exists amongst the Mongols, as a popular superstition under the Buddhism which they have now for some centuries adopted. This variety of religious beliefs appears in its most rudimentary form with a confused demonology, in which the good are not clearly distinguished from the evil, and no one of the spirits is sufficiently elevated above the rest to become a god. Things remained in this primitive state, without making any progress in the development of belief, without any effort towards a more philosophical, a more reasonable classification, amongst those tribes who preserved from the earliest times their nomadic and barbaric character, and who dwelt apart in unfertile and uncivilized countries.

the dupes of their own delirium, but even if they perceive the worthlessness of their predictions, they still all the same claim to be believed "

Amongst all nations, of whatever race, disease is always regarded as a possession, and as the work of a demon '.

"The Baschkirs," says M. Maury again, "have their Shaitan-kuriazı, who expel devils and undertake to treat the invalids regarded as possessed ' by means of ' the administration of certain remedies. This Shaitan, whose name has been borrowed from the Satan of the Christians, since the Baschkirs have come into contact with the Russians, is held by the Kalmuks to be the chief author of all our bodily sufferings. If they wish to expel him they must resort not only to conjurations, but also to cunning. The abyss places his offerings before the sick man, as if they were intended for the wicked spirit, it being supposed that the demon, attracted by their number or their value, will leave the body which he is tormenting, in order to seize upon this new spoil ' . According to the Tcheremisses, the souls of the dead come to trouble the living, and in order to prevent them from doing so, they pierce the soles of the feet and also the heart of the deceased, thinking that being thus nailed into their tomb, the dead could not possibly leave it ' ⁵ . The Kirghis tribes apply to their sorcerers, or *Baksy*,

¹ Castrén, *Vorlesungen über die Finnische Mythologie*, p. 173

² *La Magie et l'Astrologie*, p. 283 and foll.

³ C. d'Ohsson, *Histoire des Mongols*, Vol. I, p. 17

⁴ P. de Tchihatchef, *Voyage scientifique*, p. 45

⁵ Haxthausen, *Etudes sur la situation intérieure de la Russie*, Vol. I, p. 419

to chase away demons, and thus to cure the diseases they are supposed to produce. To this end they whip the invalid until the blood comes, and then spit in his face. In their eyes every disease is a personal being. This idea is so generally received amongst the Tchuvaches also, that they firmly believe the least omission of duty is punished by some disease sent to them by Tchemen, a demon whose name is only an altered form of Shûtn. An opinion strongly resembling this is found again amongst the Tchuktchis, these savages have recourse to the strangest conjurations to free them from disease, their Shamans are also subject to nervous states, which they bring on by an artificial excitement."³

There is therefore it will be seen a close connection between this sorcery, which takes the place of all other worship in the beliefs in which it originated, and that which is enunciated in the Accadian magical books.

Among the Turanian nations the system is still rudimentary, coarse and confused, as must necessarily be the case amongst tribes which have never got beyond a state of barbarity. Nevertheless we see plainly the germ which was developed, under more favourable circumstances, upon the banks of the Euphrates and Tigris, before the ethnic element from another stock became incorporated with the Accadian

³ Le cli e *Descripti i d s I r d s i de st p s d s A b A l s F e ch*
tra l t p 356 358

A velles f le des I y g s 5th series Vol IV p 191

³ Wrangells *Le No d d i S l e t* ansiated by Galit Vol I p 65 and
f 11

nation But if the comparison could only be established with the beliefs and rites of these half savage tribes, who have no literature, and who are only known to us from the imperfect stories of travellers, and who dwell moreover in the distant regions of Siberia, the demonstration would be very poor and of no great weight, the analogies too vague and far-fetched to be accepted by the critic Some almost as striking might be pointed out with the creeds and magic of the Red Skins of America and the Blacks of Africa, for as M Maury judiciously remarks, "it is not only in the general features, but even in the details, that we see such a strong resemblance between the magic of all barbaric nations"

This comparison may lead us to really decisive results, if we apply it to facts which can be established in the two countries where the people of the Turanian race, in the definite and narrow sense in which we understand this word, were able, by rising to a higher degree of civilization, to establish a true system of religion from the fund of their primitive beliefs, still keeping the train of magic superstitions, while developing them and adopting more reasonable conceptions namely, amongst the Medes and the Finns

Median Magism is the result of the combination of an ancient Turanian religion with Mazdeism, upon which it afterwards exercised a very great influence, Finnish mythology on the contrary is a spontaneous creation from the Turanian fund, but it developed itself in the north, where nature assumed an entirely different aspect from what it did amongst the

Accadians, and we see the marks of it in their mythology. In spite of the differences which necessarily resulted from such various stages of development, I think that, after glancing at Median Magic and the beliefs of the ancient Finns, as they are expressed in the great Epopee of the Kalevala, the affinities with the system we have just explained from the remains of the Accadian magic collection, will seem so numerous and striking that the reader will feel bound to allow with us the existence of a very strongly marked family of religions. And this family, which has been too much lost sight of up to this time, corresponds exactly with a great ethnic and linguistic division, for which henceforth a place must be found in the universal history of mankind.





CHAPTER XV.

The Early Median Mythology compared with that of the Chaldeans

THE facts relating to Media have a particular importance for us. A very few of the most distinguished scholars hesitate to admit the fact, an unexpected one I must grant, of the existence in Chaldea of a primitive population from the same stock as the Ugro-Finnish and Tartarian nations, which had a large share in the Chaldaio-Babylonian civilization. I shall endeavour later, for I think it very necessary, to answer the objections of these learned men, whose judgment is of too great importance not to be disputed seriously and respectfully, as I have great confidence that the new facts brought out in this book may perhaps help to overrule their scruples. They require, indeed, formal proofs of the fact which seems to them *a priori* very unlikely, and, if I am not mistaken, our researches furnish data which are not without value. However, one of the most

important elements of the question rests in facts showing that if the Accadians belonged, by their language and religion, to the real Turanian race, they did not constitute a sporadic phenomenon difficult of explanation, but belonged to a chain of nations of the same race which spread in the earliest ages from the plain of central Asia to the Persian Gulf. I shall also need to revert to the admirable efforts by which MM. Westergaard, De Saulcy, Norris, Oppert, and Mordtmann have proved that Media was originally inhabited by a people whose language was closely allied to the Turco-Tartaric and Mongolian philological branches on the one hand, and on the other to the Accadian of Chaldeæ.

This people, who for want of a better designation must be called Proto-Medic, preserved exclusively the sovereignty of the country until the establishment of the Medes proper, belonging to the Iranian race, of which event, since it is one of great importance in the history of Asia, I have endeavoured to fix the date at the eighth century B.C., in accordance with the data furnished by the Assyrian inscriptions. Even after the invasion, the Iranians only constituted a caste, powerful, but small in number. From the time of the Achaemenian dynasty, the mass of the people still spoke the old language, to which was granted the honour of being counted amongst the official dialects of the chancery of the Persian kings. Turanian Media kept not only its

I th first of my *Lettres Asiatiques* Vol. I. See the articles written by M. M. u y in the *Journal Asiatique* of February, March, April and May 187

language, but also its own religion, and only after a long time did it cease to struggle, with so many vicissitudes, against the religion of Zoroaster, its peculiar beliefs penetrated even to those of the Iranian conquerors, and produced, by their amalgamation with the religious ideas of these conquerors, the system of *Magism*, so called after the tribe of the Magi, who were at that time in possession of the sacerdotal privileges ¹

This name of Magism has long been applied to the religion of Zoroaster, causing a confusion which must be ascribed to the Greck authors, beginning with Herodotus, who had travelled in Media and not in Persia proper but this use of the name is a decided error, and the discoveries of contemporaneous scholars have helped to show the two systems as not only distinct from, but even at enmity with each other ²

Darius, the son of Hystaspes, who ought to know even better than Herodotus, relates in the annals of his reign, engraved upon the rock of Behistun, that the Magi, being for the time masters of the empire, with Gaumata the false Smerdis, had undertaken to substitute their religion for that of the Iranian nation, and that he, Darius, at his accession, overthrew their impious altars ³

¹ Herodotus, lib I, 132

² See Westergaard, in the preface of his edition of the *Zend-Avesta*, p 17 And above all Sir Henry Rawlinson, *Journal of the Royal Asiatic Society*, Vol XV, p 247 and foll, Canon Rawlinson's translation of *Herodotus*, Vol I, p 426-431, and *The Five Great Monarchies of Ancient Eastern World*, 2nd edition, Vol III, p 322-355

³ See Rawlinson, "Inscription of Darius at Behistun," Persian text, in *Records of the Past*, Vol I, p 107

While Cambyses was in Egypt the people fell into impiety and false beliefs (*dranga* the lie) flourished in the country in Persia in Media and in the other provinces .

The kingdom which had been taken away from our race I regained I re established it The temples which Garmata the Magi had destroyed I built again I gave them back to the people, I restored the sacred songs and rites to the families from which Garmata the Magi had taken them I re established the state upon its original basis Persia Media and the other provinces

In the inscription on his tomb at Nalch i Rustam, he says again, "When Ahuramazda saw that this world was given up to superstition, he confided it to me ' ' The word used in the Persian text at this place is *yatum*, the religion of the Yatus, a name given to the enemies of Zoroaster in the Zend Avesta, in the Babylonian text the expression is paraphrased thus "When he saw that these countries worshipped according to the doctrines of perdition ' ' We understand from the expressions of these texts, the massacre of the Magi by the Persians directly after the false Smerdis had been killed, and the institution, otherwise inexplicable, of the festival of the Magophonia, by which for a long time the anniversary of this massacre was celebrated ' In no truly Zoroastrian document of

Inscript n f Beh t T bl I § 10

Tabl I § 14

³ See Rec d f the P t Vol V p 149

⁴ See Oppelt *Exfclt* Me p t me Vol II p 178

⁵ He odot s III 79 Ctes P p 68 ed t Baehr Agath II 47 editio of Pa

ancient date, and of Persian or Bactrian origin, do we find the Magi mentioned as ministers of religion. However, the corruption of the national and primitive doctrines of the Iranian race, that is, of the pure Mazdeism of the *Gathas* and the first *Fargards* of the Vendidad-Sadé, took place early amongst the Medes, from their contact with the Turanian nations, even before they had conquered the whole region to which they gave the name of Media, for the Vendidad¹ names Ragha and Tchakia as the places of their residence, that is to say, it considers their residence in Ragæ and Khorasan to have been the origin of serious religious heresies, one of which was characterized by the practice of burning the body after death. The same fact is proved by a curious text which M Haug quotes². At the time of the foundation of the Achaemenian empire, and under the first kings of this dynasty, when the Persian religion still existed in all its purity, there was a deep-rooted antagonism, both in doctrine and position, between the Median priesthood known as *Magus*, and the Persian, termed *Athrava*³. This antagonism afterwards diminished, as the Persian religion lost its purity. Foiled in their attempt to exalt their system above Mazdeism, which had only succeeded for a short time under the false Smerdis, the Magi tried another plan, more prudent and more complicated, endeavouring to enter by cunning the fortress which they could not overthrow by strength. From the time of Xerxes,

¹ I, 59-66

² In Bunsen, *Aegyptens Stelle*, Vol V, p 116

³ See Spiegel, *Avesta*, Vol II, p 6 and foll

they began to be in favour at court,¹ and this favour continued to increase. To their influence are to be ascribed nearly all the changes which, towards the end of the Achæmenian dynasty, corrupted deeply the Zoroastrian faith, so that it passed into idolatry, these changes have been very ably examined by Canon Rawlinson. In this way pure Mazdeism was substituted for a syncretic religion, in which the elements of Mazdeism predominated, and which recognized both the *magus* and *athava*. The portions of the Zend Avesta belonging to the second period of the composition, bear very evident marks of this introduction of strange ideas, although they are not so far developed there as they were in the public worship through the decrees of some of the Achæmenian kings. Many centuries later, when the Sassanian princes undertook to restore Mazdeism in a state of greater purity, yet without taking it back to its primitive condition, they preserved the sacerdotal title of Magi, the heterodox meaning of which had passed away with time.

All the Greek and Latin writers acquainted with the Persian religion at this period give to its ministers the title of Magi.²

In the great Pehlevi inscription of Nakch i Rost, the Roman title *Pontifex maximus* is rendered *magupat u aiharpat Rum*.³ These two words, derived from the the Zend *magupaiti* and *aethrapaiti*, "chief of the Magi, and "chief of the Athravas," are used again

¹ Herodotus VII 19 113 191

² The First Great Monarchies edited in Vol III p 357 362

³ Ammianus Marcellinus XVIII Agath II 6

⁴ Hagerfeldt Philologische Zeitschrift p 37

indifferently in other Sassanian inscriptions to express the idea of "supreme pontiff," and they have given rise to the two titles of the religious ministers of the more recent Parsism, *Mobed* and *Herbed*. The fundamental distinction existing from the beginning and during the first periods of the Achaemenian dynasty between Magism and Mazdeism explains the contradiction between the spirit and doctrine of the religion of Zoroaster, on the one hand, as it is expressed in the ancient parts of the Zend-Avesta, and as we find it in the inscriptions of Darius and Xerxes, or in the admirable refutation of Persian dualism addressed to Cyrus which forms the forty-fifth chapter of the book of Isaiah, and on the other hand the information respecting the religion of the Medes and Persians furnished by Herodotus and Dinon.

The Mazdean doctrine, so clearly and repeatedly expressed by Darius, was essentially spiritualistic. It rested upon an idea of dualism, in which the superiority of the Good Principle, Ahuramazda, shone forth in the most brilliant manner. Ahuramazda was in reality the only god, "the Lord God of the heavens," "he who has given (created) heaven and earth," all the official decrees of the kings begin by a proclamation of the greatness of the god Ahuramazda, and they mention no other god. The princes were called sovereigns by favour of Ahuramazda, from him came victory, conquest, safety, prosperity, and all wealth. The "law of Ahuramazda" was the rule of life, his protection was

¹ Isa. xl. 5-7

a blessing which they invoked continually in fervent prayers. There is nothing astonishing, consequently, in the sympathy which was manifested by the first Persian kings for the Jewish religion, and in the manner in which Cyrus identified Jehovah with his own god. The Persians certainly spoke of other gods, but without specially naming them, and this must have been the opening by which strange influences entered into the religion and corrupted it. Thus Ahuramazda, instead of being called exactly "the Great God," was sometimes designated as "the greatest of the gods," and after him we find that "the other gods," or "the gods who guard the house," are invoked several times. But these gods were certainly personages of an inferior order, powerful spirits created by Ahuramazda, and dependent upon him, yet having a right to the worship of men, they corresponded to the Amshaspands and the Yazatas of the Zend Avesta. As to the adversary of Ahuramazda, the representative of the bad principle, the Angromanyus or Ahriman of the books attributed to

Of the following extract from the *Avesta* —

- 1 I desire by my prayer with uplifted hands joy
 First the entirely pure works of the holy spirit Mazda
 (Then) the understanding of Vohumano (goodmindedness) and that which
 rejoices the soul of the Bull
 2 I desire near to you O Ahuramazda the goodmindedness
 Give me for both the worlds the corporeal as well as the spiritual
 Give me the good of purity which makes joy for the light — *Ct. 1*

Also —

- 1 We praise thee we acknowledge ourselves as thy debtors Mazda Ahura
 13 With all good thoughts with all good words with all good works with all
 good thoughts to thee
 14 Thy body the father of all beings give Mazda Ahura
 15 The greatest among the great lights
 16 That which they call the — *Yac. 1a xxx*

Zoroaster, he was "the enemy" who was regarded with horror and loaded with curses, the kings were usually represented as fighting with him or his genii, symbolized as horrible monsters¹. He is only mentioned once in the inscriptions at Behistun,² where Darius calls him Dranga, "the lie" personified, and ascribes to him all the revolts which he had to subdue.

Herodotus and the other classical writers describe the true spirit of Mazdeism, when they represent the Persians as having a horror of idolatry and strange religions, or when they show them in their expeditions as hostile to everything bordering on paganism, burning temples,³ destroying the images of the gods or raising them as trophies,⁴ outraging or killing the priests,⁵ hindering the celebration of festivals,⁶ thrusting the sacred animals through with the sword,⁷ and even carrying their hatred of the rites of strange worship so far as to desecrate the sepulchres.⁸ But when the same Herodotus pretends to give exact details about the true Persian religion, he does not even know the name of Ahura-mazda. He speaks of homage being rendered to the

¹ Lajard, *Culte de Mithra*, pl. II, xxv, see G. Rawlinson, *The Five Great Monarchies*, 2nd edition, Vol. III, p. 355. Especially on the monuments at Persepolis, and the Pehlevi seals in the British Museum—*Ed*.

² Table 4, § 4.

³ Herodotus, lib. III, 25, VI, 19, 96, 101, VIII, 33, 53, Cic, *De Leg*, II, 10, Strab, XIV, p. 634, Pausan, X, 35, 2.

⁴ Herodotus, lib. I, 183, III, 37.

⁵ Herodotus, lib. I, 183, III, 27, 29.

⁶ Herodotus, lib. III, 29.

⁷ Herodotus, lib. III, 29.

⁸ Herodotus, lib. I, 187, III, 16, 37, Diod. Sic, lib. X, 13.

sun, the fire, the earth, the water, and the winds, a worship which has nothing in common with the precepts and spirit of the Zoroastrian, but an entirely naturalistic religion quite distinct from the Mazdean spiritualism, resembling rather the Vedic Aryas, and still more that of our Accadian magic books. It is true he says explicitly that the Magi were the necessary ministers of this worship, and this shows us that under the name of the Persian religion he is speaking of Magic, the rites of which he had seen performed in Media. Diodorus and Diogenes Laertius¹ also bear witness that the Magi worshipped the elements, but the former remarks that they honoured fire and water principally with their worship. These were exactly the same elements which were directly worshipped by the Accadian magicians in their material reality hence we gather that their spirits were not clearly distinct from each other. If we consider attentively the terms of the passages which we point out as the chief of those relating to the elementary worship of the Median magic, the impression they leave upon us will be that of a worship of the spirits of nature, in which the personality of these spirits was confused in many cases

Herodotus II. 1. 131 cf. III. 16. The Persians, according to my own knowledge observe the following customs. It is not their practice to erect statues, or temples, or altars, but they claspeth so with folly who do so because as I conjecture they do not think the gods have human forms as the Greeks do. They are accustomed to ascend to the highest parts of the mountains and offer sacrifice to Jupiter. And they call the whole circle of the heaven by the name of Jupiter. They sacrifice to the sun and moon to the earth fire water and the winds; the elements have sacrificed from the earliest times but they have since learnt from the Arabians and Assyrians to sacrifice to Venus Urania whom the Assyrians call Venus Mylitta the Arabians Mylitta and the Persians Mithra. Herod. Ch. 131.

¹ Cf. Clem. Alex. *Protrept.* I. 5.

² D. I. I. p. 111 for am. G.

with the objects and elements which they were supposed to animate and govern

I have previously mentioned the difficulty raised by the rite of a worship of the fire kept burning upon the altars. But whatever may be the solution of it, if it is proved, which is quite possible, that this rite formed an integral part of the system of Mazdeism in its primitive purity, it certainly existed also, and had a very important place in the religion of Magism, and even in the cultus of the Turanian Medes, before any Persian invasion. Sir Henry Rawlinson¹ and his brother historian² appear to me to have demonstrated this position in a most convincing manner, and also, this fact is conformable with what we have noticed amongst the Accadians. The Magi pretended to have the power of making fire descend on to their altars by means of magical ceremonies.³

The worship of the stars was very fully developed in the system of Median magic. This worship appears very seldom in the Zendic books,⁴ and that only in one of the most recent portions, clever modern critics have no hesitation in pronouncing it, as it appears there, to be the result of a later introduction, and due to some foreign influence.⁵ Towards the end of the Persian empire, on the contrary, it assumed a great importance, as it did in the Zoroastrian writings of a very early epoch.⁶

¹ *Journal of the Royal Asiatic Society*, Vol. XV, p. 254

² *The Five Great Monarchies*, 2nd edition, Vol. II, p. 345 and foll.

³ Dio Chrysost., *Orat.*, XXXVI, p. 149, editor Reiske, Clem., *Recognit.*, IV, 29, cf. Ammian Marcell., XXIII, 6

⁴ Only in the 21st fargard of the *Vendidad-Sade*

⁵ See Spiegel, *Avesta*, Vol. I, p. 258, 271 and foll., Vol. II, p. 119, 120

⁶ See Spiegel, *Avesta*, Vol. I, p. 273 and foll.

Evidently it came from the Magi. The principal office of this worship amongst the Medes is made known to us by the description which Herodotus gives of the seven walls of Ecbatana, each with the sacred colour of one of the seven planets. The same sacramental arrangement was observed in the town of Ganzakh, the Gazaca of the classical writers, and in Atropatene, since Moses Chorenensis calls it "the second Ecbatana, the town with seven walls." Later, at the period of the Sassanid dynasty, the Persian poet Nizami, author of the *Hest Peiher*, describes this style as prevailing in the palace of the seven planets built by Bahram Gour or Vahran V.¹ It was borrowed direct from the customs of civilization, from the Babylonian religion, for the famous tower of Borsippa had seven storeys with the colours of the seven planetary bodies,² after its restoration by Nebuchadnezzar, and the same arrangement was observed in the *ziggurat* or sacred tower of the palace of Khorsabad.³ But the worship of the stars and planets must have come originally, M. Spiegel thinks, from the introduction of the religious doctrines of Babylon, in which it held such a prominent position, and the Kushito-Semitic doctrines, for we have seen that it was quite foreign to the old Accadian beliefs. Most probably, however, the Turanians of Media received it from the

¹ l. 98

Quoted by Sir Henry Rawlinson *Journal of the Royal Asiatic Society* Vol. X p. 127

² Vahran V. ascended the Persian throne A.D. 40

³ Sir H. Rawlinson *Journal of the Royal Asiatic Society* Vol. VIII p. 134

⁴ Victor Place *Notice de l'Assyrie* pl. 36-37. See my *Levi de Commentaire des Fragments iconographiques de Bérose* p. 369 and foll.

Assyrians, just as they got the worship of Anat, changed into Anahita,¹ from their constant contact with the civilization of the countries round the Euphrates and Tigris, and they, in their turn, transmitted it to the Magi, by whom it was afterwards introduced amongst the Persians and the rest of the Iranian races

This spirit of a peculiar naturalistic pantheism analogous to that of the Accadian magical books, which is revealed by this worship of the elements and the stars, is the very antipodes of the spiritualism of the pure Mazdean religion in its earliest documents. The Magi adopted it into the sphere of the most elevated personages of their religious system, in which they had completely altered the fundamental conception of Mazdeism, although they still preserved the dualistic form which the old Proto-Medic religion must have admitted even before any contact with the Iranians, since we found it amongst the Accadians. There is no doubt that they placed at the top of the scale the antagonistic worship of Ahuramazda and of Angromanyus. For certainly Ahuramazda is the same as the Zeus whom Herodotus² mentions as being worshipped by the Magi, and the same Herodotus³ represents these later, armed with the *khraf-*

¹ See my *Essai de Commentaire des Fragments cosmogoniques de Bêose*, p. 157 and foll. This goddess was also introduced into the Egyptian Mythology in the time of the Ramessides probably from Asiatic sources also.—*Ed*

² I, 97

³ I, 140 "But what follows relating to the dead is only secretly mentioned and not openly, viz, that the dead body of a Persian is never buried until it has been torn by some bird or dog, but I know for a certainty that the Magi do this, for they do it openly. The Persians then having covered the body with wax conceal it in the ground. The Magi differ very much from all other men, and particularly from the

çthiaghna, pursuing and killing the wicked animals of creation, reptiles and insects, with as much zeal as the more orthodox Mazdeans. But the Magi considered the antagonism to be only superficial, for they regarded the representatives of the two opposing principles as consubstantial, equal in power, and emanating both from one and the same pre-existent principle. I do not hesitate indeed to refer to Median Magism the origin of the personage Zarvana akarana, "Time without limit," the common source of Ahuramazda and Angromainyus, which conception substitutes the most complete Pantheism and the greatest indifference as to morals for the dualism of Zoroaster, of which it still maintains the outward semblance. This personage, who was of great importance in the books which were composed before the time of Alexander, and the conception of whom became in the middle ages the fundamental dogma of a heresy from Mazdeism, the heresy of the Zarvanians, did not belong to the ancient fund of the Zoroastrian religion. He was not mentioned in its earliest books, and all the scholars who are best versed in these matters agree that his presence later points to a corruption of the original doctrine, attributable to foreign influences. Endeme, the favourite

Egyptia priests f the latte I ld t matter f I g on not to kill a yth ng that has lfe cept uch thins as they offe in sac ific wh rea th Mag kll e erything w th their own hand e cept a doo or a man and they think they d a mento o s th e when they kill a ts s pents and other ept les a d brds Her d Clt 140

Y ç a lvi 6

D Eck te Q e t n le A t quites S m tuques § xv Oppert Annale d Ph l soph e Ch et enue Jan ary 186 p 61 Spigel A t V 11 p 71 Vol II p 119 216 and f ll See also what I have said in my Ma uel d Hist e ancien d l Orient 3 d ed to Vol II p 316

disciple of Aristotle, describing very precisely this personage and the dualistic couple from which he proceeded, writes of this being as a conception of the Magi.¹ It is interesting to remark here that, in a passage the first date of which may be ascribed to Berossus,² this same name of Zarvana is applied to the legendary personification of the ancient Turanian race, under the form which had been assumed by the Chaldaic-Babylonian legend in Armenia about the origin of the different races.³ We discovered in the fragments of the great Accadian magic collection ideas analogous to those resulting from the conception of Zarvana-akarana, we saw odious demons, like Namtar, and propitious gods opposed to the demons, like Nin-dar, both emanating from Mul-ge. We suppose, also, that in a religion which resembled nearly that of ancient Accad, and represented the same ideas of the spirits and gods under a rather different form, the dark side of Mul-ge's character had been brought out in strong contrast to the favourable attributes of Hea, and that at the same time they attributed to Ana something of the idea of a first principle which he originally possessed, slightly modified, as was the conception of all the other gods, it will be thus seen that the three gods connected by the Accadians with the three zones of the universe were grouped in such a manner that they would naturally be represented in Iranianism by the couple of Ahuramazda and Angromainyus with Zarvana-akarana above them.

¹ *Ap. Damasc, De Principiis*, 125

² *Mos Choren*, I, 5

³ See my *Essai de Commentaire des Fragments cosmogoniques de Bérosee*, p. 422 and foll.

Magi Magism however goes even further than the conception of a common principle, from which both Ahuramazda and Angromainyus were supposed to have emanated. Whilst in the true Mazdeism of the Persians, Ahuramazda alone was worshipped and Angromainyus loaded with curses, in Magism the two principles of good and evil, Ahuramazda and Angromainyus, received equally alike the homage of the altars.

Plutarch relates that the Magi offered sacrifices to Angromainyus, Αἰδης, Αρεϊμάνιος, and describes the rites used, which consisted of an offering of grass and sedge, called *ομωμι*, evidently the *haoma*, sprinkled with the blood of a wolf, and placed in an obscure spot. Herodotus¹ tells us that Amestris, the spouse of Xerxes, who was entirely under the influence of the Magi, sacrificed seven children "to the god of darkness and the infernal regions." He also mentions a like sacrifice as having been offered to the same god in the passage of the Strymon, when the Persians were marching into Greece. This shocking practice of human sacrifices was entirely opposed to the fundamental principles of the Zoroastrian doctrine, as was also the worship of Angromainyus, and it never appears again in Persian history. We recognize in it, in concert with Canon Rawlinson,² a trace of the influence of Magism.

In this worship of the bad principle placed upon a footing of perfect equality with the good, Median

¹ D. I. et Ostr. p. 369 editio R. ske

VII. 114

² Th. F. G. et M. hie 2nd edition Vol. III. p. 359

Magism reveals itself as inferior, from a moral point of view, to the doctrine of Accadian magic. But we must remember the peculiar circumstances in which the people of Media had been placed by the Iranian conquest. There are very strong indications which would lead us to believe that before the conquest the form of a serpent was attributed to one of the gods.¹ This worship of serpent-gods is found amongst many of the primitive Turanian tribes.² The Accadians made the serpent one of the principal attributes, and one of the forms of Hea,³ and we have a very important allusion to a mythological serpent in these words from an Accadian dithyrambus uttered by a god,⁴ perhaps by Hea, as I mentioned before in quoting the whole piece

Like the enormous serpent with seven heads, the weapon
with seven heads, I hold it

Like the serpent which beats the waves of the sea (attack-
ing) the enemy in front,

devastator in the shock of battle, extending his power
over heaven and earth, the weapon with (seven) heads,
(I hold it)⁵

When once the Iranian traditions were fused with the ancient beliefs of the Proto-Medic religion, the serpent-god naturally became identified with the representative of the dark and bad principle, for, according to the Mazdean myths, the serpent was the

¹ See my *Lettres Assyriologiques*, Vol. I, p. 99

² See Fergusson, *Tree and Serpent Worship*, London 1861, in 4to

³ George Rawlinson, *The Five Great Monarchies*, 2nd edition, Vol. I, p. 122

⁴ *W. A. I.* II, 19

⁵ I have compared elsewhere (in my *Premieres Civilisations*, Vol. II, p. 136) this allusion with the Brahmanic legend of Manthanam. See *Records of the Past*, Vol. III, p. 127

form assumed by Angromanyus, in order to penetrate into the heaven of Ahuramazda.¹ In the heroic cycle, also, the serpent Dahrak, or Azhi Dahaka,² conquered by Thraetona,³ an Iranian form of the Vedic myth Trita, son of Aptya,⁴ was a personification of the bad principle. Moses Chorenensis⁵ attributes to the dynasty of the Aryan Medes and to the descendants of their subjects, who were transported into Armenia, the preservation of the ancient Turanian worship of the serpent, connecting with it the name of Astyages.⁶ So also the descendants of Thraetona, becoming one with those they conquered, ended by worshipping Azhi Dahaka. And as the people of Turanian origin were inclined to honour their ancient national god rather than that of the Iranian conquerors, Angromanyus or Azhi Dahaka certainly outshone Ahuramazda. From this point of view, I think M. Oppert⁷ was right in recognizing a trace of the Magism of the ancient Medes in the odd religion of the Yezidis or "worshippers of the devil," who dwell at the present time in Iril Adjemy and the north of Mesopotamia, for this religion professes in its doctrines the Mazdean dualism, but in its worship it only renders homage to the wicked principle.⁸

Lajard *Mémoires sur les bas-reliefs des monuments en Tarsus* Section 1. 1
at the end

¹ *Yazna* IX. 5

² *Le dā d Sadr* I. 69

³ Burnoufi *Journal Asiatique* 3rd series Vol. XLV. p. 497 and foll.

⁴ See Roth *Die Werke von Vendidad* in Indien und Iran in the *Zentralblatt für die Deutsche Morgenländische Gesellschaft* Vol. II. p. 16 and foll. Spiegel *Asien* Vol. I. p. 7

⁵ I. 9

⁶ See my *Lettres Asiatiques* Vol. I. p. 97-101

⁷ *Rapport au Ministre de l'Instruction publique* Paris 1856

⁸ Lajard *Nécul et Balyl* p. 41 and foll. 81-94

Herodotus tells us¹ that the Magi borrowed from the Assyrians the worship of their celestial Aphrodite, that is, of the Anahita introduced afterwards into the Persian religion by a decree of Artaxerxes Mnemon,² and I may here be permitted to repeat my own words upon the place of this goddess in the Magism of Media³

The Father of History, in pointing out that the Magi adopted the Chaldaio-Assyrian goddess, adds that they called her Mithra. This information from Herodotus has occasioned many conjectures and many theories of an entirely mythological character, which have disappeared before a more intimate acquaintance with the Asiatic religions. At present, the most generally received opinion amongst scholars naturally results from the study of the original Iranian sources, it decides that the view taken by Herodotus is inadmissible, that the historian of Helicarnassus has committed an error and occasioned a confusion, as he has also done in other places⁴. But what was the cause of it? This question although it has not been asked as yet, still I think finds an answer in the close alliance between the worship of Anahita and Mithra in the system of Median Magism. The conception of the personage of Mithra as a form of the sun dates back to the primitive Aryan fund of religious ideas, we find in it one of the Adityas of Vedic mythology, and it is impossible that the authors of the first Mazdean

¹ I, 131

² Berosus, *Ap. Clem. Alex., Protrept.*, I, 5

³ *Essai de Commentaire des Fragments cosmogoniques de Bérosee*, p. 157 and foll.

⁴ See Bréal, *De Persicis nominibus apud Scriptores Græcos*, p. 5 and foll.

reforms should not have known this analogy. But this view of Mithra evidently did not assume in their system the importance which was afterwards attributed to it in the latest Zoroastrian books, he was a secondary personage, inferior, perhaps, even to the Amshaspands, not a deity of the same or nearly the same rank as Ahuramazda, for Mazdeism, in its primitive purity, recognized only in the latter the supreme and perfect divine nature. And Canon Rawlinson has very judiciously remarked that the introduction of Mithra into the public worship took place at the same time as that of Anahita, and that the two facts point to a historical connection which must not be overlooked. Indeed, the inscription of Artaxerxes Mnemon at Susa is the first official document of the Achaemenian dynasty which mentions other gods with Ahuramazda, and these gods were Anahita and Mithra, united together and forming an indivisible group. The legal establishment of their worship in this supreme rank must therefore have been simultaneous, and must have arisen from the same source. And it was in the time of Artaxerxes that Xenophon began to speak of Mithra as one of the principal national gods of the Persians.

After this it is very difficult not to think that Artaxerxes Mnemon, among the innovations which during his reign modified the Zoroastrian religion so much, introduced not only a new personage, but a divine couple, that of Mithra and Anahita, which the

presence of Mithra justified them in grafting as an alien branch upon the ancient stock of Mazdeism, and which had already been grafted upon it in the system of Median Magism. In this latter system, as far as we can understand the economy of it, the worship of the sun and moon, spoken of by Herodotus, was established under the influence of the Chaldaio-Assyrian religion, with the form of the worship of the couple of a solar god and lunar goddess, Mithra and Anahita,¹ placed immediately beneath Ahuramazda. Hence the mistake made by Herodotus, who confounded the two personages of this couple. Perhaps it was not after all an error, and the divine couple of which we are speaking may have been sometimes designated as a double Mithra. So also might we explain, as the remains of this state of things, the expression in a passage from the Yaçna,² which has much puzzled the commentators, *Ahu-raêrbya Mithraêrbya* "the two divine Mithras" ³

I do not think we need to qualify this opinion, since our study of the Accadian magic texts allows us to confirm it. We have noticed the close resemblance between the office of mediator, attributed to Mithra in the Persian religion from the time of Artaxerxes Mnemon, with that filled by Sılık-mulukhî between man and Hea in the Accadian system. The name of Mithra, signifying "the friend," might be taken as an Iranian equivalent or as a sort of

¹ Whilst the Aryan-Medes borrowed the person of Anat from the Chaldaio-Assyrian religion the latter received from them the name of Mithra, as an appellation of the sun. *H' A I III*, 69, 5

² I, 29

³ See Burnouf, *Commentaire sur le Yaçna*, p. 351

translation of *Silik mulu khi*, "he who sheds abroad good for men" It seems that in Magism Mithra must originally have taken the place and the attributes of some mediator god of the Proto-Medic religion, analogous to the *Silik mulu khi* of the Accadians, who bore, no doubt, the same kind of name He was later divided into an original couple, like the god attached to each person in the Accadian system, and with him was associated the goddess Anahita, who was borrowed from the Chaldaeo-Assyrian religion

Lastly, to complete the picture of Median Magism, and to finish the comparison of points of resemblance with the system we studied amongst the Accadians, we must mention that the practices of incantation and sorcery were greatly developed in it These practices are formally forbidden and severely condemned by all the books of Mazdeism, which attributed the invention of them "to the Yatus, the enemies of Zoroaster" The name *yatus*, used by Darius in the inscription of Naksh-e Rostam to designate the religion of the Magi, would alone strongly favour the notion that these rites were considered very important Dinon¹ also describes the incantations to which the Magi devoted themselves with their divining wand in their hand They foretold the future by throwing little sticks of tamarisk wood,² this custom is said by the classical writers to have been of Scythian or Turanian origin The *Bareçma*,³ having become after a certain period an

¹ *Vendidad-Sade* I 5 56

See *Record of the Past* Vol V p 149

² *Ap. Schol. ad Nicand. Theriac* V 613

³ *Ibid*

⁴ *Yaçna* LVII 6

essential part of the insignia of the ministers of the Mazdean worship, was originally nothing else than a bundle of these wands, the use of which was introduced into Persia under the influence of the Magi.¹ Following the enquiries which we are going to make into astrology and divination in Chaldea and Babylon, we shall prove that the throwing of these wands was known and practised there,² and that this was even the most ancient mode of divination used in the time of the Accadians³

We said that the Magi pretended to have the power of drawing fire down from heaven upon their altars by means of certain woods and rites

Herodotus⁴ and Diogenes Laertius⁵ speak of the supernatural power the Magi thought they possessed. The last of these writers had particularly consulted the special treatise upon the Magi by Heimippus, where they were represented as jugglers and enchanters⁶. About the time of the Median wars a book attributed to the Magus Osthanes was circulated in Greece, this book was the origin of the magic substituted by the Greeks from that time forth for the coarse and ancient rites of *Goetia*⁷. From what we know of this book, it seems to have taught, as the

¹ See G. Rawlinson, *The Five Great Monarchies*, 2nd edition, Vol. III, p. 351.

² Ezekiel 21. 26. The wands or arrows of fate are marked on many Babylonian cylinders as held in the hand of Marduk (Lajard, *Culte de Mithra*, pl. 1111, No. 2, liv, A, No. 5), or of Istar (Lajard, pl. 1111, No. 1), the divinities of the planets Jupiter and Venus, the most favourable deities according to the ideas of astrologers.

³ There is certainly a resemblance between this divination and the magic throwing of dice that we see mentioned in the tablet K 142 of the British Museum.

⁴ I, 103, 120, VII, 12.

⁵ *De Vit. philosoph. praxm*, 6.

⁶ Plin., *Hist. Nat.*, XXX, 2.

⁷ Plin., XXX, 1, Euseb., *Chron.*, I, 48, *Pseudo-Evangel.*, I, 10, V, 14, Suid., V, Apul., *Apolog.*, 27.

supreme secrets of the caste of the Magi, all sorts of spells and divinations, even to the invocation of the dead and the infernal spirits. Further, these priests who had spread from Media over the whole of Persia were regarded in the west as types of enchanters and magicians, hence the meaning attached by us to the word magic. Their magic was known, however, to have resembled very nearly that of Chaldea,³ which ended by causing in the minds of the Greeks an inextricable confusion between the Magi and the Chaldeans.⁴

It has been necessary to explain these things very fully in order to give a complete idea of our knowledge of the Median Magism, which is still after all a very obscure subject. But I think that from these explanations the reader will be able to distinguish fairly well between the three elements composing this mixed system: the Iranian and Mazdean element, which may be compared to a garment cast over the ancient conceptions of a very different origin as a result of the conquest by the Medes proper, the doctrines borrowed from the Chaldaio Assyrian religion, consisting chiefly of the worship of the stars and Anahita, and lastly, the ancient fund of the popular Turanian beliefs before the invasion of

Pln XXX 5

Strab I p 4 XVI p 76 Lucian *De Necrom* t p 11 ed t Lehmann
Amm an Ma cell XXIII 6 Orige *Adv Cels* VI 80 M t Fl Octavi 26
Clem Al x *P ot ept* I p 17 ed t Potter S Cyprian *De Id l* in Opp Vol I
p 408

³ Ammia Marcell XXIII 6

⁴ Plat. I *Alcibiad* 37 Justin I 1 Doren Laert I 8 Pln *Hist Nat*
XXX XXXVII 49 Apul *Fl rid* II 5 Tatan *O t d G ac* I S d
M γαγ a d Ζωοαστην Cnst tut *Apost l* IV 6 Clem Alex *Stromat* V
p 598 ed t Potte Arnot *Adv gent* I 5

the Iranians Finally, these beliefs have therefore a close resemblance with the doctrines of the old Accadian magic books, a resemblance analogous to that existing between the dialects of anti-Aryan Media and Accadian Chaldea.





CHAPTER XVI

Finn-Tartarian Magical Mythology

THE connection with the Finnish mythology and magic is still more striking. We have a fertile mine of information about the rites and religion of this nation in the great Epopee of the *Kalevala*, which M. Leouzon Leduc has undertaken to lay before the French public, and of which, although it is translated into many European languages,¹ our scholars and literary men are almost entirely ignorant, this is much to be regretted, for the poem should be placed next to the Epopees of Greece, India, and Persia, on account of its beauty and importance. The subject of it has been clearly explained in the works of Ganander,² Castren,³ and other Finnish scholars.⁴

The best of these translations is the German published by M. Schiefner at Helgfors in 1855.

Mythologie Fennica oder fennische Mythologie 1789

¹ *Finnische Mythologie* and *die Finnische Mythologie* St. Petersburg 1856. See also the two dissertations *Ueber die Zauberkräfte der Finnen* and *Allgemeine Uebersicht der Goettersagen und der Mythen der Finnen* wachre d. d. Heidenthums in his *Kleinere Schriften* published by M. Schiefner.

We cannot omit to mention the works of Toppelius, Parthian, Téngröm, Gottlund, Lönnrot, and Kock.

The ancient Finnish paganism had as a foundation the worship of the spirits of nature, which we have already seen existing in such a primitive and coarse state amongst the Siberian tribes. The fact that the two are closely connected, and that the Finnish worship of spirits was derived from the Siberian, needs no further demonstration, for it has been clearly proved by all who have written upon the subject. But on this foundation the imagination of the Finns built up a fine mythological structure with a numerous hierarchy of gods and genii differing in rank, while each preserved the mark of his origin and became the subject of various legends. Amongst the people of Suomi, first in their ancient eastern domain, where they lived under brighter skies and of which they preserved some vague remembrance, and then in the new homes in northern Europe to which they gradually receded, the same thing took place as with the Accadian nations upon the banks of the Euphrates and Tigris. The old demonological and magical superstitions of the Turanian race gave birth to a perfect religious system and a fertile mythology. Although the difference of countries and climates gave a different colouring to many personifications belonging to both mythologies, the religions of these two nations were manifestly inspired by the same genius, derived from the common fund of ideas of one and the same race. We may well be astonished at finding so great a resemblance, so many gods and spirits retaining the same character under different names, and such a perfect similarity between certain formulæ of incantations in spite of the wide distance

both in time and space which separates heathen Finland, which did not embrace Christianity until the middle ages, from purely Accadian Chaldea, which was utterly annihilated fifteen centuries before the Christian era

The Finns never had any other priests than their magicians, their worship consisted only in domestic offerings on certain fixed days, with the parents of the family as ministers, and in mysterious ceremonies to which was attributed a supernatural power, while those entrusted with the science which prescribed how these were to be performed, were called prodigies. Amongst these latter there were on the one hand the *Tietajat*, "the learned," *Asajat*, "the intelligent," or *Laulajat*, "the incantators," magicians of a benevolent character who had recourse only to an artificial excitement in order to learn the future and enter into direct communication with the spirits, and to the sacred songs and rituals which act upon the latter and induce them to protect man, M Rein, in treating on this subject at Helsingfors in 1844, attributes to them a sacerdotal character, to which the *Noyat* or sorcerers properly so called had no claim. These *Noyat* pretended to be in connection with both bad and good spirits, they used their knowledge and power for evil as well as for good, according as they were well or evilly disposed towards any person. To these incantations they added the use of philters and other strange practices, their chief rite was that which was called by the Scandinavians *Seidr*, which consisted in pronouncing certain words over the flame, together

with ceremonies of which only the initiated possessed the secret, by means of the *Scidr* a person could assume any form he wished, or become invisible, or be transported instantaneously from one place to another¹

The *Tietajat* and *Noijat* alike claimed the power to cure or rather expel diseases, which they considered as personal beings, by means of their formulæ, their songs, and enchanted drinks which were really pharmaceutical ingredients; they were the only physicians of the nation² There existed between these two classes of persons the distinction which we have observed in the Accadian books between the priest of magic and the malevolent sorcerer, considered as an impious being In the *Kalevala*, spells held a very important place, they were considered as a divine work, and the gods themselves had recourse to them continually during the course of their heroic life, but the sorcerers were depicted as perverse men, who abused these supreme secrets, and put them to a wrong use The Finns attributed to the incantations and magic rites, whether used for a good or bad end, an absolute power over the whole of nature, and also the elements and spirits The earth and the air, the visible and invisible regions, water and fire, were subject to the power of spells, they brought the dead back to torment the living, they even acted upon the most powerful gods, neutralized their influence, or exer-

¹ For further interesting details respecting the Greenlanders, Finns, and the Asyeköks of the Esquimaux, see Dr Rink's *Legends and Tales of the Esquimaux*, and *Letters from Greenland*—Ed

² See Lonnrot, *Abhandlung über die magische Medicin der Finnen*

cised a sort of constraint over them Finnish poetry describes the effects of these sorceries under the most hyperbolical forms Of this we will give an example

Lemminkainen entered the house it was full of men talking freely men clothed in long garments upon the benches singers upon the pavement *rimoras* under the wide opened doors instruments ranged around the walls and upon the principal seat near the hearth sorcerers

And Lemminkainen began his spells

He sang and the most accomplished singers only brought forth ridiculous sounds

Their hands became covered with stone gloves masses of stone bent their backs a stone hat crushed their heads stone collars squeezed their necks

So they mocked the most famous singers the most clever *rimoras*

Lemminkäinen sang again and the men were thrown into a sledge drawn by a discoloured cat and the cat in its rapid course bore them off to the extreme limits of Pohjola as far as the vast deserts of Lapland where the horse's footstep no longer resounds and the mare's foal finds no pasture

Lemminkainen sang again and the men cast themselves into the great gulf of Lapland into the strait which swallows up heroes into those waves of which the sorcerers drink in order to quench their burning thirst.

Lemminkainen sang again and the men rolled into the impetuous torrent of Rutja into the fatal gulf which swallows up trees as a prey, into which the pines fall with their roots in which the crested firs are engulfed

The world of darkness, the abode of wicked spirits

Thus Lemminkainen mocked at young men, old men and men in the prime of life, by means of his incantations¹

But whatever the power of these spells may have been, which governed nature and supernatural beings, spirits and gods, there was a talisman more powerful even than they, for it controlled their power and protected its possessor, this was the "celestial wand," resembling the wand of the Median Magi. The gods themselves found their only protection from certain enchantments in this wand. Wainamoinen, threatened by the great sorceress of Lapland, answers her

The Laplander cannot hurt me with his spells, for I hold in my hands the celestial wand, and he who hates me, and would bring evil upon me, does not possess it²

We will now proceed to enquire into the mythology and the hierarchy of the Finnish gods and spirits

At the head of all, we find three gods who divided the sovereignty of the universe, Ukko, Wainamoinen, and Ilmarinen. Ukko, whose name signified "the ancient, the venerable," was "the celestial old man," *Vanha tarvainen*, "the god of heaven," *Tarvahan jumala*, in his connection with the two others he had a marked superiority and appeared sometimes even as a first principle, whence his surname of *yllyumala*, "the supreme god." Wainamoinen, "the friend of the waves," was the ruler of

¹ *Kalevala*, part 1, 12th runa. Cf. the Aryan Mediæval legend of the Pied Piper of Hamelin in its various forms.—Ed

² *Kalevala*, 24th runa of the first edition, the text of the second, published in 1849, seems to be inferior in this place. Cf. the Greek myth of the golden bough which alone secured the living in their visit to Hades

the humid element and the atmosphere, Ilmarinen, "the eternal forger, the master of the terrestrial globe and of the treasures which it contains, which he alone had succeeded in working. The three highest gods of Finnish mythology, who together "fixed the gates of the air established the celestial vault, and on the stars in space," Ulló, Wainamöinen, and Ilmarinen, corresponded then almost exactly to the three superior gods who presided over the three zones of the universe in the system of the Accadian magic collection Anu, Enlil, and Marduk. The resemblance is particularly striking between Enlil and Wainamöinen whose adventures form the subject of the *Kalevala*. Like the Accadian deity, the Finnish god was not only king of the waters and the atmosphere he was also the spirit whence all life proceeded the master of favourable spells, the adversary and the conqueror of all personifications of evil, and the sovereign possessor of all science. He sent the celestial fire to man, and invented music and incantations. Every one needed to invoke his protection, warriors, fishermen, magicians, all felt the effects of his protection. The sweat which dropped from his body was a balm for all diseases. He alone furnished efficacious assistance against the charms of the sorcerers, and in appeal to him was a last resource against the encroachments of the demons. He is also the depositary "of the Runes of science," of the

Kalevala part 1 14th runa.

Of the Egyptian myth of the salutary virtues of the sweat of the god Ra a parallel is in the *Magical Papyrus* in the British Museum Accession No. 1016 Vol. VI p. 116—Ed

“supreme words,” of the “creative words,” which he discovered in the ancient Wipunen,¹ words which gave life to everything that existed and which had power to bind the gods as well as the inferior beings. These words, like the mysterious name of the Accadian books were the last point in supernatural science, the spell above all spells, they had in themselves an unparalleled virtue quite independent of the agent who uttered them. When Wainamoinen, who is continually represented in the epopee as a hero in spite of his divine nature had been wounded by the axe of Pohja, the personification of the infernal region, he sought the old man of Suomi, that he might staunch the torrent of blood flowing from the wound, and the old man replied to him

We have staunched greater wounds, we have bound up more terrible ones, we have triumphed over greater difficulties, we have broken through sterner obstacles by the three words of the creation, by the holy and original words. The mouths of rivers, the currents of lakes, and rushing cataracts have been conquered. We have joined isthmuses to isthmuses.²

Below the three superior gods, the Finns included in their worship all the objects and beings of nature, which they peopled everywhere with personal spirits, sometimes distinct from their object, sometimes blended with it. They rendered homage to mountains, stones, trees, seas, rivers, and fountains. Fire was to them a divine being, being worshipped in the

¹ *Kalevala*, part 1, 9th and 10th runas

² *Kalevala*, part 1, 3rd runa

flame on the domestic hearth, to which, at the festival of the *joulu*, the mother of the family offered a libation with this invocation

Rise ever higher O my flame

But do not become greater nor shine brighter !

This festival of the *joulu* took place immediately after the winter solstice, when the days began to lengthen, the rite of the worship of the flame seems then to indicate that the Finns identified the fire, honoured by them in its elementary reality, with the sun, just as we have seen the Accadian god Fire become a solar personage in the Babylonian epopee, under the form of the hero Izdubar, or Dhubar. However this may be, the Finns invoked the sun under the name of *Paiva*, to protect them from the demons of the night, and to cure certain diseases, especially any infirmity of the brain, as the Accadians invoked the god *Utu*, who personified the same planet. They worshipped in addition *Kuu*, the male god of the moon, who corresponded exactly with the *Aku*, *Enizuna* or *Itu* of the Accadians, and they had also many stellary divinities, like *Oiva* the great bear, and *Tahti*, or the stars in the abstract.

According to the Finnish mythology, each place had its *Haltia*, spirit or genius, each house its familiar gnome or *Tonttu*, each element and natural phenomenon a spirit belonging to that class called by the Scandinavians *Dvergues*, every action of man, every circumstance of life, its genius or special god

H. J. Wille. *Beskrivelse over Silkeborgs Pæstegæld i over Tellemarken i Norge*, p. 243.

We must compare it with one of the Accadian names of the god Sun. *Bi el Be* was also the solar god of the Laps.

Some particular spirits called Egres made the plants grow which the labourer cultivated, and watched over their development. Others, the Keijuset, winged spirits, some black, and others white, some wicked, and others again beneficent, indicated their presence particularly by entering houses where a corpse was lying.

From this vast crowd of spirits scattered over the whole of creation arose the gods who were also very numerous, presiding over a class of beings, a collection of phenomena, some phase in the development of man, animals or plants, stand out characterized by a more general nature and a higher power.

Here Finnish mythology differed entirely from that of the Accadians, it assumed a peculiar idiosyncrasy, and attested the influence of the soil and climate where it attained perfection. Under the burning sun of the borders of the Euphrates and Tigris, and in the midst of the gloomy forests and icy marshes of Finland, the same principle of the personification of natural phenomena, objects, and classes of beings belonging to the animated world, necessarily produced gods of a different aspect. We need not therefore be surprised to find that all this part of Accadian mythology was represented among the Finns by mythological creations differing entirely from the popular superstition. Widely separated, both in time and space, these two nations have added, each in their own way, to the common foundation of the same conception of the supernatural world and its relation to nature, which we see plainly manifesting itself through the diverse colours and forms of the em-

bellishments Two trees of the same kind, planted in different soils and climates, do not grow in the same way, but the botanist can recognise, nevertheless, their specific identity and their common origin After all, there is not more difference, nay, indeed there is even less, between the Finnish mythology and that of the Accadian magic books, than there is between the mythologies of the Greek and Indian nations, which are but different branches arising from the same root, the primitive beliefs of the Aryan race

I have not undertaken to give in this place a treatise on Finnish mythology, I desire only to show the community of spirit and the points of resemblance it has with the ancient Accadian mythology, as already pointed out by Prof Sayce I shall decline to enumerate the Finnish gods created by the aspects of nature in the north, who could have no counterpart in those countries where the Accadians dwelt, divinities, for instance, presiding over the great birch and fir woods, like Hiltainen, Tapio, the shepherd of the wild beasts of these forests, "the bearded old man of the joyous forest," to whom a very poetical invocation is addressed in the Kalevala, together with all the minor divinities in their train, whose duty it was to propagate and distribute the different species of forest trees and the wild beasts which dwelt under their shadow Popular imagination multiplied these indefinitely, and epic poetry ascribed to them, genealogies and histories resembling those of mankind Not less

numerous were the gods who watched over the flocks, like Kaitos, Kaku, Suveta, and those who protected the fishermen of the Baltic, increasing the fishes and sending them into his nets, like Juolitar and his spouse Hillewo, the goddess of the otters, and so many other divinities of the second rank, presided over by Ahto, the king of the ocean and the waters.





CHAPTER XVII

Further Analysis of Finnish Demonology

ALL these considerations take us back to the conceptions we observed in the Accadian books, which were indeed the fundamental conceptions of all the Turanian nations and a prevailing characteristic of their religion, and this was the importance of the gods and spirits presiding over the treasures buried in the bosom of the earth, and the works of metallurgy. Here was the empire of the great Ihmarinen, the divine smith, who forged upon his anvil the celestial vault, and it is in this connection that we meet with the genius of the rocks and mines, the Wuorin Vaki, who worked under the guidance of Kamulainen. However, here again, while we notice a certain analogy, there was also an important difference, which resulted from the diverse conditions of the two nations of Accad and Suomi. In the Accadian books, the most important place amongst the gods of metallurgy was given to the god of copper. In Finnish poetry, not copper but iron held the first rank, of which the special god

Rauta-Rekhi was surrounded by a retinue of relations corresponding with the principal operations used in working that metal and the legend of the birth of iron is one of the most remarkable and original in the Kalevala.¹ But this application of all the metallurgic myths to iron was certainly not always to be found amongst the Finns, it resulted from the peculiar conditions of their sojourn in the country from which they were finally expelled, where iron abounded, and the lack of copper and bronze rendered it less likely that they would remember the ancient traditions which their Livonian brethren kept so jealously. The Accadians, on the contrary, although they had already worked iron, were much more abundantly supplied with bronze, it was the common metal which they used for their instruments and utensils.² At this point philology draws our attention to a fact, the exact parallel of that shown in the mythology. The word (*windu*) which designates copper in the Accadian, is identical with that signifying iron amongst the Finns (*rauta*), and the Laps (*rude*), and which passed thence to the Slavonians and Lithuanians as the name of the same metal (*ruda*). Thus in the Aryan languages a word that originally meant "metal" in a general sense, became in Sanscrit the name of iron especially (*ayas*), and in Latin that of bronze (*æs*).

According to the Finnish creed, each man bore within him from his birth a divine spirit who was his inseparable companion for life. This spirit became

¹ Part 1, 4th runa.

² G. Rawlinson, *The Five Great Monarchies*, 2nd edition, Vol. I, p. 96-99.

more closely united to its subject, in proportion as the latter tore himself away from earthly things to retire into the sanctuary of his soul. This was an important source of the magician's supernatural power, he aspired "to a transcendental ecstasy, *tulla intoon*, to a great state of excitement of the soul, *tulla halti oihun*, in which he became like the spirit dwelling in him, and entirely identified with it. He used artificial means, intoxicating drugs for instance, in order to attain to this state of excitement, for it was only then that he succeeded, so to speak, in deifying himself, and received the homage of the genii and spirits of nature. This doctrine, which M. Rein has explained very clearly, and which held a chief place in the Finnish religious ideas, as also in their magic, is just that of the special god attached to each man and dwelling in his body, which prevailed also in the Accadian magic books. This furnishes an affinity of conceptions and beliefs which is of great importance, since it is not one of those natural ideas which arise independently amongst widely differing nations. To find elsewhere a similar notion, we must go to Persia for the doctrine of the Fravaschtis, which we have already decided that the Iranians obtained through the Medes, from Accadian sources. Every demonological religion, as soon as it becomes elevated and purified, leads to dualism. It lays down the doctrine that spirits are spread over all parts of nature, and to explain the spectacle of good by the side of evil, decay and destruction with regeneration.

Cf the cultus of the Pythian Apollo in the intoxication of the priestess at Delphos.—Ed

and life, which nature constantly affords, it assumes the existence of two opposing armies of good and evil spirits. This, as we have seen, was the case with the Accadians, and it was the same also among the Finns. They likewise recognized two worlds at enmity with each other, that of the gods together with the propitious spirits, and that of the demons, respectively the kingdom of light and that of darkness, the region of good and that of evil. But they placed these two worlds upon the earth, instead of adopting the Accadian view, by which the demons were supposed to issue from a subterraneous abyss; one was the blessed region of the Kalevala, situated under the direct and beneficent influence of the sun's rays, the other the Pohjola, "which devours men and swallows up heroes," where the demons dwelt, and where the dead found their home, Tuonela, governed by the severe Tuoni. The Finns imagined the region of Pohjola to be situated amongst the uninhabitable solitudes of the poles, Lapland on one side serving it as a boundary. There the most wicked sorcerers loved to dwell, and there the demons laid in ambush to watch men. The icy plains of Lapland were to the Finns what the burning sands of Arabia were to the Accadians, an accursed country and a resort of foul spirits.

The demons who were born in the darkness of Pohjola were quite as numerous as the good spirits, they were scattered over the whole universe, and brought trouble and destruction everywhere. They misled hunters, caused diseases, disturbed the silence of the night, increased the number of wolves and

foes, and in short, all the sufferings of the sad and desolate northern winter were attributable to their influence

Finnish mythology invented unlimited classes of wicked spirits and demons for all kinds of misfortunes and trouble. In epic poetry we find that a more human form is given to the influences dispersed throughout the world, where they opposed and strove to destroy the work of the gods and propitious geni. In this case, the wicked principle was personified by the giant HUII, who had a wife and children, horses, dogs, cats, and servants, all hideous and wicked like himself, in one word, the complete household of the chief of a tribe. The bad influence of HUII extended everywhere. HUII Hejmolainen, his servant, reigned over the mountains, Wesi HUII, another of his servants, over the waters, Huden Lintu, his bird, carried evil into the air, Huden Ruuna, his horse, traversed the plains and deserts, Huden Kissa, his cat, spread terror around her, and forced thieves to avow their misdeeds, thus occasionally turning her wicked action to a good purpose, the Huden Vaiki, analogous to the Furies, were his messengers. HUII, scouring the plains on his horse, while his bird preceded him in the air, seems to have been originally a personification of the icy and fatal north wind. The Finns considered him as one of the most terrible demons, just as the Accadians feared the personification of the west wind, which produced by its excessive heat in their country quite as fatal effects.

As we have already stated, the sorcerers held communication with these demons as frequently as, or

even more frequently than, they did with the good spirits, and to this diabolical intercourse they owed a great deal of their power. The priests of magic brought about this communication entirely by means of a spiritual frenzy and sacred words. As to the demons, they exorcised them by the power of their formulæ and by the help of the spiritual beings of the good principle, many of their incantations were destined thus to repulse the wicked demons, to break diabolical spells, and to invoke in this work the aid of the pure spirits. But Finnish magic was chiefly medical, being used to cure diseases and wounds. This view of its development has been admirably explained by Lonnrot in a special treatise.¹

Here we meet again the fundamental notion, which is so characteristic of certain races of mankind, that every disease was itself a personal being, or a demon, and that its invasion constituted an actual possession of the diseased person.

According to the Finns diseases were the daughters of Louhiatar, the old lady of Pohjola, just as the Accadians considered them to have issued from Ningal, the lady of the gloomy abyss and of the dead. They regarded pleurisy, gout, colic, consumption, leprosy, and the plague, as so many distinct personages. These had their residence at Kipumaki, the hill of pains, situated on an island in the river of Tuonela, the river of the country of the dead, the analogue of the river Dahilla of the Accadian tablets.

¹ *Abhandlung über die magische Medicin der Finnen*. See also for an illustration of the Egyptian demono-medical system which had a like basis, "Le Grand Papyrus Ebers" in *L'Egyptologie*, par M. F. Chabas, and also the original text itself, *Papyrus Ebers*, Leipzig, fol., 1876.—Ed

The hill of Kipumakı recalls also by its conception the "mountain of the West," of the Accadian books, whence the principal demons issued to spread over the surface of the earth. This hill of Kipumakı was high on its summit was a great flat stone, surrounded by many other large stones. In the middle one were nine holes, in which the diseases were buried with the help of conjurations. We read in one of our Accadian incantations

May the disease be swallowed up into the earth like
passing waters

Kivutar, or Kipu tyto, daughter of Tuoni, went to collect the diseases in a brazen vessel, and had them cooked upon a magic hearth

The sorcerer or priest of magic recognized the disease from which a man was suffering by the special diagnostic faculty that the state of divine ecstasy, whether natural or artificial developed. When he had once decided what the disease was, he set about exorcising the demon, using enchanted drinks, talismans, magic knots, incantations, and occasionally, as the highest means to which he could have recourse, if he had succeeded in discovering the secret, the all powerful words with which Wainamoinen was entrusted

The Finnish incantations for exorcising the demons of diseases were composed in exactly the same spirit, and founded upon the same data, as the Accadian incantations destined for the like purpose. They were formulæ belonging to the same family, and they often showed a remarkable similarity of language,

the Egyptian incantations, on the contrary, having been composed by people with very different ideas about the supernatural world, assumed quite another form.

This is an incantation from one of the songs of the *Kalevala*

O malady, disappear into the heavens, pain, rise up to the clouds,¹ inflamed vapour, fly into the air, in order that the wind may take thee away, that the tempest may chase thee to distant regions, where neither sun nor moon give their light, where the warm wind does not inflame the flesh

O pain, mount upon the winged steed of stone, and fly to the mountains covered with iron For he is too robust to be devoured by disease, to be consumed by pains

Go, O diseases, to where the virgin of pains has her hearth, where the daughter of Wainamoinen cooks pains, go to the hill of pains

There are the white dogs, who formerly howled in torments, who groaned in their sufferings

This other incantation against the plague was discovered by Ganander

O scourge, depart, plague, take thy flight, far from the bare flesh

I will give thee a horse, with which to escape, whose shoes shall not slide on ice, nor whose feet slip on the rocks

Go where I send thee Take for thy journey the infernal steed, the stallion of the mountain Flee to the mountains of Turja,¹ to the rock of iron Go across the sandy plains of the infernal regions, and precipitate thyself into the eternal abyss, whence thou wilt

¹ "May the disease of his head be carried away into the heavens like a violent wind," says an Accadian incantation (*IV A I IV*, 3, col 2) And another, "May the diseases of the head, the infirmities fly away into the sky like grasshoppers, may they dart into vast space like birds"

never return Go where I send thee into the thick forest of Lapland, into the dark regions of Pohja.

The Accadian formulæ banished the demons which they had expelled from a man's body to the sandy desert, the Finnish *runa* sends the plague away to Lapland Such is the different form we should expect the same idea to take with two nations placed in such opposite geographical conditions, although originally from the same stock

When wounds alone were to be cured, there were no demons to exorcise They used special incantations, words of conjuration (*manous*), which they pronounced over the place to stop the flow of blood The ninth *runa* of the Kalevala furnishes us with a good example in the recital of the cure of Wainamoinen's wound

Listen O blood instead of flowing instead of pouring forth
thy warm stream Stop O blood like a wall stop like a
hedge, stop like a reef in the sea like a stiff *carex*
in the moss like a boulder in the field like the pine
in the wood

When the flow of blood was staunched, the incantation called upon certain divinities, who could repair the damage which the weapon had done to the body, thus Helka closed up the wound

Come here come Helka beautiful woman close with
turf stop the gaping wound with moss, hide it with
little stones in order that the lake may not overflow
that the red blood may not inundate the earth

Cf the Jew sh ceremony f xpelling th goat f Azazel nto the desert —Fd

The common dg C xpal tri () f vch the a eabo t thirty E gl sh
specie

The goddess Suonetar healed and renewed the flesh :

She is beautiful, the goddess of veins, Suonetar, the beneficent goddess¹ She knits the veins wonderfully with her beautiful spindle, her metal distaff, her iron wheel

Come to me, I invoke thy help , come to me, I call thee
Bring in thy bosom a bundle of flesh, a ball of veins to tie the extremity of the veins²

These are called the *runas* of the *synty*, or of regeneration or recovery.² But in order to complete and consolidate the work of the secondary divinities, the intervention of the ancient Ukko was needed, he being the highest personification of the divine power .

O glorious god, prepare thy chariot, put the horses to, mount to thy splendid seat, and march across bones, members, wounded flesh, severed veins Cause silver to flow into the empty space of the bones, cause gold to flow into the wounds in the veins

Where the flesh has been torn, may new flesh be produced , where bones have been broken, may new bones be formed , may the severed veins be united , everywhere that a wound has been made, may health return complete and beautiful

The cure of a wound needing the formation of new flesh was considered a regular act of creation, and therefore the help of the creative power himself was necessary

¹ *Kalevala*, 15th *rana*

² They extended also the name *synty* to the supernatural faculty by which the curer recognized the disease and discerned the remedy





CHAPTER XVIII

The Accadian People and their Language

THE comparisons which we drew in the foregoing chapter have obliged us to recognize a close connection between Chaldean magic and that of the Altaic or Turanian nations, and particularly of the Finns. The religious ideas from which it sprang constituted a perfect and united system of mythology, which was only a natural and logical development of that form of naturalism peculiar to all those nations, and of the worship of the spirits of nature and the elements. It presented striking analogies with the ancient ante Iranian element on the one hand, which became united with the Mazdean data in Median Magism, and on the other with Finnish mythology, despite the peculiar colour assumed by the latter as the result of its development in the most northern latitudes of Europe.

Having arrived at this point, we cannot fail to attach great importance to the fact that in Chaldea and the countries which come under its rule, like

Assyria, there was a special magic language, and that that is the language which is now named by both French and English scholars the Accadian tongue.¹ The sacred books of the magicians, which Assurbanipal had copied again in the seventh century, for the instruction of his priests, were written in the Accadian, only a Semitic Assyrian version had been added to them at a very early epoch, in order to render the incantations intelligible to those who had to recite them, but the Accadian was clearly the only properly liturgical text. We have a proof of it in the fact that some lines which are repeated or are very easy to understand, have no translation attached to them. Thus at the present day the Coptic priests always have an Arabic version accompanying their missals, so that they may understand the words of the ritual while they recite them in the Coptic tongue. The magic formulæ engraved upon the amulets of hard stone, even upon the amulets found in Assyria, evidently of Assyrian work, and belonging to the last epoch of the empire of Nineveh, are at least most of them in the Accadian language, and while more than a hundred have their legends in Accadian, I have as yet only met with three bearing Assyrian inscriptions in all the various European collections. So also in the fragments of the great magic collection copied by the scribes of Assurbanipal, there are many incantations and hymns of which the primitive Accadian text was, no doubt, lost at an early period, since only an Assyrian version exists at the present time, bearing marks

¹ There is positive proof that the Assyrians themselves entitled the ante-Semitic idiom of Chaldea "the Accadian language," and we have no real reason for differing from them.

however of great antiquity Still there are not more than ten in this condition amongst many hundred formulæ in the Accadian

Chaldea possessed, then, a special magic language which preserved this character for the Assyrian people also, and that language is the Accadian It was regarded as having a particular power over the world of spirits, both good and evil It seems that the idea of supernatural virtue inherent in the words of this language, increased in proportion as it ceased to be used as a spoken idiom, becoming for the priests a dead language exclusively applied to religious uses, while to the people it was an unintelligible gibberish It was the result of the natural tendency in man to attribute a mysterious power to mysterious words, the same tendency which led the Egyptians to use names which were incomprehensible to the vulgar in their magic formulæ, and even add names and words belonging to no language at all, and composed at will for theurgic operations

Now this bond of union between the magic rites and a definitive language is an important point in determining the origin of Chaldean magic, for since we have established the relationship of the latter with the sacred sorcery of the Turanian nations, the Accadian, its language is thus a dialect of the great Ural Altaic family Everything concurs, therefore, to refer us to the same race of mankind, for the origin, truly at a very remote period, of the demonological and magic superstitions adopted on the banks of the Euphrates and Tigris

It does not, however, suffice to affirm that the Accadian language had a Turanian character; we must give the reader proofs of it. The question of the origin of Chaldean magic leads us to a series of ethnographical linguistic problems, which are henceforth of the greatest importance in the history of early antiquity. They concern the elements which contributed to civilize Babylon, the existence of a primitive Turanian civilization, extending over the greater part of interior Asia, before the dispersion of the Semites and Aryas. If we would not limit ourselves to assertions which are not sufficiently proved, we must examine into these problems somewhat, and indicate at least the principal facts which afford us the means of their solution.

Then, after having established that a close and constant connection existed in Chaldea between magic and the Accadian language, I must say a few words about this language and the ground we have for attributing it to the Turanian class. Like Dr. Hincks, Sir Henry Rawlinson, Dr. Oppert, M. Grivel, and Prof. Sayce, I have made a special study of the Accadian dialect, and have brought out also an elementary grammar of the language;¹ it is a purely

¹ In my *Etudes Accadiennes*, Vol. I, parts 1-3. I have treated further of this subject with numerous additions and references, in another volume *La langue primitive de la Chaldée et les idiomes Touraniens* (Paris 1875), which has been received in a most flattering manner by the philological public of England and Germany. I may be excused for passing over the polemics which were the origin of this last work. I have only to do here with what partakes of a really scientific character, and do not therefore need to speak of the fantastical notions of M. Joseph Halevy, which will ever remain a strange monument of ignorance and false assertions. This scholar has presumed to speak of the Accadian tongue, without a full knowledge of it, and all that he says is inexact. He has been contradicted by the master hand of M. Eberhard Schrader in *Zeitschrift der Deutsch Morgenl. Gesellschaft*, Vol. XXIX.

philological work of a difficult nature, which is only addressed to a few special readers. With great pleasure, therefore, I seize the opportunity here afforded me of summing up, for the benefit of my readers in general, the conclusions which I arrived at by means of this special study, which was necessarily very incomplete, but I think some of the data are already firmly established, and can stand the proof of being examined by the light of a direct examination and a philological analysis of the texts. The reader must excuse my devoting this chapter exclusively to the language. Although such a theme may seem rather dry to those who do not go into it deeply, the question is important enough to make one forget that it is uninteresting for a few pages. The fact of the presence of a Turanian nation in early Chaldea once proved, it becomes quite a large branch of the human race, to which a place must be henceforth assigned in the history of civilization, although no notice has been taken of it up to the present time.





CHAPTER XIX.

The Accadian Language

THERE are four fundamental principles, which are now universally acknowledged by all Assyriologists to be incontestable and clearly proved.

1st The Accadian, or Sumerian language as some would call it, exists, and no one can deny it without ignoring altogether the teaching of science

2nd It is the dialect of the inventors of the Cuneiform Anarian writing, a people who predominated about the lower basins of the Euphrates and Tigris, before this tract was inhabited by a nation speaking the Semitic language

3rd It is an agglutinative language, the genius and grammar of which are totally different from the Semitic dialects

4th It is closely related to the agglutinative languages of anti-Aryan Media, and Susiana, which have also become intelligible to us by means of inscriptions

There is a fifth point, upon which the verdict of scholars is not universally agreed, and the proofs of

which are not quite so perfect, namely the relation of this dialect to the Turanian or Altaic languages

Although all the Assyriologists of the English school, headed by their illustrious chief, Sir Henry Rawlinson, MM Oppert, and Karl Eneberg agree with me in thinking this connection firmly established, yet there are others, such as M Schrader, Friedrich Delitzsch, and Gelzer, who, while they do not deny it in theory, show themselves more reserved, and even rather undecided in expressing their opinion

We cannot be surprised at meeting with a certain degree of hesitation upon this subject On the one hand, our acquaintance with the Accadian is as yet very imperfect, we have still much to do before completely mastering the language and especially its vocabulary On the other hand, the Altaic dialects have not until now entered into the category of languages ordinarily studied by philologists, so they are only known to a special few, the works of the great linguistic school, founded by Castren and Schott, and brilliantly represented at the present day by such men as Schiefner, Ahlqvist, O Donner, Yryo Koskinen, Paul Hunfalvy, and Budenz, remain for the most part unread and unstudied Lastly, it seems rather singular, nay even imprudent and unscientific, to attempt a comparison of a language which has ceased to be spoken some three thousand years at least, with dialects in use at the present day, the most of which do not possess one single written record of an ancient date, while those which can produce a few of less recent origin, as Finnish, Magyar,

Turkish, and Mongolic, cannot trace them back further than the Middle Ages. In order to understand the feasibility of such an effort, we must remember that the object of comparative philology is to deal with a family of languages, the most striking feature of which is a singular relative immobility as compared with others, and this peculiarity preserves intact even to our days the remains of a state of language much more primitive than that which is revealed by the ancient monuments of the Aryan or Semitic languages. From those few documents of the Middle Ages which this family of languages offers for our perusal, we gather that they have undergone no visible change during the last five or six centuries.

There is consequently no ground to justify an assertion that our supposition is inadmissible, and no fundamental and valid objection to be opposed *à priori* to an enquiry after a relationship which may also be proved between the Accadian and Altaic languages of the present day. Although this is a very delicate question still it is one from which we hope for favourable results. Having established this, I shall indicate briefly the principal facts which can be proved with relation to the affinities and grammatical differences between the Accadian and the Altaic or Turanian languages, and I think the conviction of this correspondence will justify the theory in which I become daily more and more confirmed by my own studies.

To begin with the subject of the evident affinities.

1st *The almost universal thematic harmony of the vowels, to which there are but few exceptions.*

The vocal harmony in the Accadian is exclusively thematic. It is threefold, that is to say, it admits of three classes of vowels

Strong *a, ā, u*

Neuter *i, ī, u*

Weak *e*

The same root may contain both strong and neuter vowels, or neuter and weak vowels, but not strong vowels with the weak, the great majority of the disyllabic or trisyllabic roots show, however, a repetition of the same vowel in all the syllables. The diphthongs *au, ia*, and *ua* harmonize with the strong vowels, the diphthong *ie* would seem to have been regarded as neuter, and so to be used indifferently with both strong and weak. There are fewer exceptions to these laws of harmony in the Accadian than in most of the Altaic languages.

On the other hand, in the Accadian, as in Ostiac, the vowels of the suffixes of derivation are not made to agree with those of the root. It would seem, too, that there is not necessarily an agreement between the vowels of the two parts of a compound word, although we sometimes see this harmony established, it is so at the present time in the Magyar dialect. This point, however, is one of the most difficult to explain clearly, on account of the great number of Accadian roots that are expressed in writing by ideographic signs. In that case, indeed, the ideograph remains constant, whatever phonic modifications the root may have undergone in the spoken idiom, the writing does not allow of these modifications, where they otherwise exist.

Lastly, although the Accadian possesses incontestably a thematic harmony, we find no trace of a terminational concordance, and this is also the case with some of the Altaic dialects

2nd *The formation of the greater number of derivatives by means of suffixes.*

The principal and best known of these suffixes are -Ga, which indicates dependence. It is used to form certain substantives like *guga*, "title, name," from *gu*, "to speak, to say," *kubabbaiga*, "a fine," from *kubabbar*, "silver." It is chiefly employed in the formation of adjectives, as *kalaga*, "powerful," from *kala*, "to be powerful," *ziga*, "living," from *zi*, "to live," *sega*, "happy," from *se*, "happiness."

-Ik, which is employed in forming the names of agents and adjectives with an active signification, as *χuluk*, "malevolent," from *χul*, "wicked," *mirik*, "prince," from *mir*, "to govern;" *uddark*, "pre-eminent," from *uddu*, "to go out, to rise."

-Da, which serves to individualise and specialise for instance, in *muda*, "renowned," from *mu*, "name," *tarda*, "judge," from *tar*, "to judge," *ada*, "water-course, river," from *a*, "water," *χirda*, "inclosure," from *χir*, "to bind."

-Ma, which expresses an idea of locality, and being joined to the name of a town characterises the surrounding district of which it is the capital.

-A, which forms ethnical words, as *Mulgekia*, "man of Mulgeki," the town called in the Assyrian *Nipur*, *Urunua*, "man of Ur."

3rd *The same system of declension by means of casual suffixes which are joined to the root without effecting any*

change in it, and the identity of the more important of these suffixes

We must distinguish three series of declensions amongst the fourteen which have been proved to exist in the Accadian, and of which thirteen are marked by the addition of suffixes, the nominative showing the word in its original purity. The first series consists of the primitive suffixes which belong to the most ancient type of declension in the Altic languages, and are found in other languages of the various branches of this family, in the Accadian itself they are mere attributive roots. These suffixes are —*na*, which designates the genitive and expresses the idea of instrumentality, the formation of the genitive by means of the suffix *na*, *nu* *ni*, *ni*, is common to all the Hurrian or Altic languages without exception, in the Ugro Finnic the Samoyedic, the Turco Tartarie, the Mongolic, the Tungusic, and the Corea Japanese groups. *la*, which expresses the idea of an internal or external locative, that is to say, both the inessive “into” and the elative or ablative “from, from within,” the locative is indicated by *li* in Magyar, *dann*, *lann* in some of the Samoyedic dialects, *da* in Turkish, *da* in Burritic, and *dur* in Mongolic, *de* in Mantchou, the abessive by *la* and *lla* in the various Ugro Finnic dialects, the ablative by *dan* in Turkish, *tan* in Yakut, lastly, we must point out the connection between the sign of the dative in the Samoyedic dialects, *d* and *l*, and the same sign which marks the locative and the dative in the Mongolic and Tungusic languages *lu*, is the sign of the illative, our minds naturally

turn to the Turkish datives in *-ke*, *-ga*, and *-ge*, and possibly to the Samoyedic locatives in *-kan*, *-gan*.

-as, *-es* indicates the adverbial case, by means of which adverbs are formed from substantives, the same case is shown in Tcheremissian by *-s*, and in the language of the Lapps by *-s*; then, too, some verbal adverbs are formed in Votiac by *-sa*, and in Mordvinian by *-ž*. Lastly, we may mention, in connection with it, the inessive in *-ssa* and *-s* in the Ugro-Finnic dialects

-la is the suffix of the adessive, and this case is formed by *-lla* and *-l* in all the Ugro-Finnic languages

-li which shows an action done by a person and seems sometimes to have a comitative signification; in Yakut we find a comitative in *-lin* and an adverbial case in *-li*, in Turkish the idea of the comitative is expressed by the postposition *ile*, which is sometimes contracted into *le* and used as a suffix

-bi, *-b*, is the sign of the absolute case where the use of the article is omitted, it is really a pronoun in the third person affixed to the word. We must place with it the accusatives in *-b*, *-v* of the dialect spoken in Lapland, in *-m* in Tcheremissian and the Samoyedic dialects (which also have it sometimes in *-p*), in *-ben* in Mongolic, in *-be* in Mantchou. Castren recognized in these latter, "*ein Ueberrest eines Pronomens der dritten Person*," this is his own expression. The Altaistic philologists agree in admitting that the Turanian languages had originally but one accusative of construction and position, as we find in the Accadian, and that when this case was omitted, its place

was supplied by a form possessing in its primitive use a determinative character¹

Besides these casual suffixes of the first formation, there is in the Accadian a second series formed by taking attributive roots from the vocabulary of the language. Thus

The sign of the dative, *ia*, *i*, is the root *ra*, "to bear towards"

The sign of the suppressive, *ge*, "that which is below," to express the superior position of the subject with relation to the object, the inferior position of the object is expressed. "upon the mountain" is *χarsak ge*, "the mountain beneath"

The sign of the possessive, *lal*, is the root *lal*, "to take"

The sign of the equative, *tum*, is the root *tum*, "to produce, to reproduce"

The sign of the oppositive, *gab*, is the root *gab*, "before, that which is in front"

This grammatical process is essentially Turanian, and is entirely foreign to the other families of languages. We find numerous instances of it in the Magyar. The word *bel*, "interior," is used as the illative suffix (formerly *bele*, now *ba*, *be*), the verbal root *iaj*, "it is above," as that of the superessive (at present *ia*, *ie*), *vel*, "companion," becomes the sign of the comitative (*val*, *vel*), *kep*, "image," that of the equative (*kep*), and *kor*, "age, time," that of the temporal (*kor*)

Lastly, some of the casual suffixes of the Accadian are formed by the combination of two roots, which

are both transformed into signs of cases, such are those of the sublative, *-gelal*, and the delative, *-lalge*, consisting of the same elements *ge* and *lal*, placed in a different order. Combinations of this kind, for forming secondary suffixes, are also a Turanian peculiarity, each group of the family furnishes examples of it, which have been long noticed by grammarians.

4th. *The analogous formation of the plural and the dual*

The Accadian, like Mantchoo and Japanese, possesses some rare specimens of the most ancient mode of forming the plural in the Turanian languages, by doubling the root, for instance, *ana ana*, "the gods," *kur kur*, "the countries, as in Mantchoo, *jalan jalan*, "the countries," and the Japanese *fito-bito*, "men," in the singular *fito*. But its most common plurals are obtained by means of the suffixes *-mes* and *-ene*. The first becomes *-es* in the formation of verbal plurals, we must therefore compare with it suffixes of the same number in Zyriamian *-jas*, and in Votiac *-jos*, the ancient Turkish plural in *-z*, which is only to be seen in *bız*, "we," and *sız*, "you," lastly, the Buriatic plurals in *-s*. Max Muller thinks the primitive form of the Ugro-Finnic plural was *-as*, but this is still a point of discussion amongst Altaic philologists, we will not therefore pursue this subject, as we wish to deal only with incontestable facts.

It is still more important to notice that the two Accadian suffixes of the plural are attributive roots meaning "much, union," and that the primitive formation of Altaic plurals by roots of this kind trans-

formed into suffixes really takes place in Mantchoo. In the Accadian, *mes* and *ene* may be employed both as suffixes and as distinct words, following the inflected noun of which they denote the plurality, just as in Mantchoo we find some plurals formed by a suffix *sa*, and other cases in which the same sign under the form of *set* is a separate word, which preserves a distinct existence.

The dual number is only found in a few of the Altaic languages, in the language of the Lapps it is indicated by the sign *g*, in Ostiac by *kan*, *gan*, in the Samoyedic dialects by *ha*, *g*, *k*. Boller recognizes in these suffixes a remains of the word *kat*, meaning "two," the Accadian confirms this opinion, for it forms its dual (which is only used for things which are naturally in pairs, like the duplicate members of the body) by affixing to the substantive *kas*, "two" *si kas*, "the two eyes," *pi kas*, "the two ears."

5th *The absence of any distinction between the masculine and feminine genders*

This is one of the principal facts of the grammar, constituting one of the most striking features of the Altaic as compared with the Aryan and Semitic languages. It is very marked in the Accadian.

6th *In a good many words the root is only to be found in a perfect state in the oblique cases, or in the verbal moods which cause it to be followed by a suffix, this suffix has the effect of preserving the root by keeping the final part of it, which either becomes contracted or is lost in the absolute and isolated form, in the nominative of the nouns for instance*

Thus *xa*, "fish," becomes in the illative *xanaku*,

whence we conclude that the real root is *χana*, shortened in the absolute form. The verb "to give" takes in the third person singular of the preterite the form *msî*, and in the third person plural *msimus*, "to do good," in the third person singular *mχi*, and in the third person plural *mχiges*, "to commemorate, pronounce, conjure," in the third person singular *mpâ*, and in the third person plural *mpânes*. The roots are not therefore *sî*, *χi*, *pâ*, but *sîmu*, *tîla*, *pânu*; without the suffix there is an ellipsis of the last syllable. This is very often the case with the words in which the second syllable of the root contains a guttural, a liquid, an *n* or an *m*. This characteristic is also decidedly Turanian, and is peculiar to this linguistic family, the Altaistic philologists pointed it out long ago in the Ugro-Finnic dialects

7th *The identity of the pronouns*

First person Accadian, *nu*; Proto-Medic, *ni* (genitive), Finnic, *ma*, Esthonian, *ma*; the language of the Lapps, *mon*, Tcheremissian, *mun*; Mordvinian, *mon*, Zyriainian, *me*; Ostiac, *ma*, Magyar, *én*, Samoyedic, *man*, Yakut, *mun*, Turkish, *ben*, Mongolic, *bi* (gen *mini*), Mantchoo, *bi* (gen *mini*), Ancient Japanese, *wa*

Second person Accadian, *zu*, Finnic, *sa*, Esthonian, *sa*, the language of the Lapps, *ton*, Tcheremissian, *tin*, Mordvinian, *ton*; Zyriainian, *te*, Magyar, *te*, Samoyedic, *tan*, Turkish, *sen*, Mongolic, *sî*, Mantchoo, *sî*

Third person Accadian, *na*, *n*, Finnic, *ne* (plural), Esthonian, *need* (plural), Zyriainian, *nya* (plural), Magyar, *on* ("soi"); Yakut, *kin* (accus

onu), Turkish, *ol* (gen *onun*), Buriatic, *enc*, Tungusic, *nun*, Mantchoo, *i*, (genitive *mi*)

The plural pronoun of the first person is *me* in the Accadian. The same change of vowel in the singular pronoun marks the Ugro Finnic, Samoyedic, and Tungusic dialects.

Finnic, *me*, Esthonian, *meie* language of the Lapps, *mi*, Tcheremissian, *ma*, Mordvinian, *mun*, Zyrianian, *mi*. Ostiac, *men*, Magyar *mi*, Samoyedic, *me*, *mi*, Mantchoo, *be*

The two other persons of the plural pronoun in the Accadian are formed by a particular process: the third person, *nene*, by the reduplication of the singular *ni* the second, *zunene*, by the addition of this pronoun *nene* to the singular *zu*, *zu* + *nene*, "thou + they, you." They cannot, therefore, be subject to the same comparisons. However, it is curious to notice that the Tcheremissian dialect, which has not kept the pronoun in *n* for the third person singular, has in the plural a pronoun *nuna*, like that of the Accadian *nene*, which must have been formed in the same way by a reduplication of the typical pronoun in *n*.

The Accadian has one more parallel series of singular pronouns.

First person, *du*, it appears again in *i* corrupted form in the possessive suffix *la* of the Proto Medic.

Second person, *mun*, compare the Proto Medic *ni*, the Ostiac *nen*, the Yakut *an*, and the verbal terminations in *n*, of the second person in the Samoyedic dialects.

Third person, *bi*, which is also used as an enclitic

demonstrative, this is the verbal pronoun *-pi* in Finnic, *-b* in Esthonian, *-be* in Tcheremissian, the demonstrative *by* in Yakut, and *bu* in Turkish, lastly, the possessive suffix *-ba* in the Samoyedic dialect of the Yenessee

8th *The same principle for the construction of one of the conjugations of the verb, the postpositive*

The Accadian possesses three systems of conjugation prepositive, postpositive, and periphrastic. The last takes the place of the passive with the verb *men*, "to be," as its auxiliary, it is like the periphrastic conjugation of the Altaic languages, but this point of grammar is not peculiar enough to furnish a precise element of classification. I shall speak later of the prepositive conjugation, which is the most common in the texts, and constitutes perhaps one of the most striking characteristics of the Accadian language. As to the postpositive conjugation, there we get such forms as *emmi*, "I am master," literally, "to be master + I," from *em*; *garrann*, "he has had made," literally, "to have made + he," from *gar*; it may be described, therefore, as the root + the termination of tense, and if necessary + the personal suffix, and in the derived forms the root + the formative of voice + the termination of tense, and if necessary + the personal suffix. This is precisely the mechanism of the Ugro-Finnic and Turco-Tartaric verb. Only in the Accadian, being an ancient language, the pronominal suffixes are not used as they are in the modern languages, they remain intact, and are not reduced to mere grammatical terminations.

9th *The use of the same particle in forming the causative of verbs*

This particle, added before or after the root according to the conjugation, is *tan* or *dan* in the Accadian, and corresponds exactly with the suffixes of derivation to which the same meaning is attached in the Ugro Finnic verbal formations *ta*, and the Tureo Tartarie *tan* or *dan*

10th *The existence of a negative conjugation unknown to any other family of languages*

This is one of the most important and decisive points in the classification of the Accadian. The negative verb may be formed by means of one or other of the two particles *nu* and *me*, which are prefixed also to substantives or adjectives in *ga*, in order to make compounds of a negative or privative signification. The first is certainly identical with the two negations *anu* or *inne* of the Proto Media, the *nem* of Magyar, the *ent* in Ostric, *il* (a contraction of *int*) of certain moods in the Teheremissian conjugation of the negative verb. The second is none other than the incorporated verbal negation *me* of the languages of the Tureo Tartarie group.

11th *The use of verbal forms instead of conjunctions*

The Accadian verb possesses a conjunctive mood, which it uses instead of placing the copulative after a verb, it also substitutes one of its indicatives for a conjunction, to express the idea of "in order that"

12th *The use of postpositions where the Aryan and Semitic languages employ prepositions*

There is no need to enter into a detailed explanation of this point, the simple statement of the fact

suffices, but it is to be remembered as another important feature

13th *The same process in the formation of adverbs taken from substantives and verbs; the existence of an adverbial or essive case in the declension*





CHAPTER XX

Differentiation of the Accadian and its allied Languages

WE SHALL now proceed to consider the differences, more or less striking and decisive, which are observable between the grammar of the Accadian language and the customary mechanism of the Altaic dialects

1st *The existence of a small number of prefixes of derivation*

We have sufficient proofs of two of these prefixes which were both originally attributive roots, *id*, giving an idea of locality, and *ki*, used to form the name of the agent. This process of derivation is unknown in the Altaic languages. But the Proto Medic, belonging to a linguistic family of which the origin has never been questioned, has also prefixes of derivation the augmentative *far*, and the localizative *it*. The latter is manifestly identical with the Accadian prefix *id*, which has the same meaning. This strange fact, this derogation from the ordinary rules, is therefore common to the two contemporary

languages spoken by the neighbouring lands of Chaldea and ante-Aryan Media. There are also some prefixes in modern Magyar, one of which is used to form the superlatives of adjectives, the others in the formation of derived verbs. Their introduction is explained to be due to foreign influence. For my part, I should have no objection to make, if any one suggested the same explanation of the origin of the rare prefixes of the Accadian and Proto-Medic.

We can, however, compare with this fact one other, which may be sometimes found in the Accadian, touching the presence of a kind of vocalic augment, which is prefixed to the root in derivatives. They form thus *usar*, "shore," from a root *sa*, *enim*, "act of raising," from a root *nu*, *ugude*, "act of proclaiming," from *gude*, "to proclaim," which was itself a compound. This peculiarity seems at first sight quite anti-Turanian; but there are evident traces of it to be found in the Ugric dialects. From a root *tar*, *ter*, Vogul has *atar*, "clear, brilliant," and Ostiac *eder*, *eter* with the same meaning, whilst in Magyar we find *daru*; in another case Magyar has *elég*, "enough," (*lég*- being the superlative prefix), the form in Finnic is *líka*, in Esthonian, *lég*; in the dialect of the Lapps, *like*, "too much" again, the word "dog" is in Finnic, *penu*, in Zyriainian, *pon*, in Votiac, *pumu*, in Mordvinian, *pma* but in Vogul it becomes *emp*, in Ostiac, *amp*, in Magyar, *eb* these facts prove that there is in these dialects a true vocal augment analogous to that of the Accadian.

2nd *The position of the adjective or genitive generally after the word which it qualifies.*

This rule is almost invariable, but there are exceptional cases of an inverse position to be found occasionally in the texts. Besides, we may be sure that the custom of placing the adjective or the genitive before the word which it qualifies, according to the customary rule of the Altaic languages, was much more common at the early period when the Cuneiform writing was first invented, than it afterwards became, at the same time, it may even have been the regular rule. Indeed, the syllabaries and commentaries of the lexicographical tablets display a good many complete ideographic groups formed out of compounds of genitive and subject, or adjective and substantive, which at the time when these documents were written used to be rendered by compounds containing the same elements placed in an inverse order: subject and genitive, or substantive + adjective. A change had therefore taken place in the language with regard to this subject, this rule, which was at variance with the general rule of the Altaic languages, triumphed finally after a period of uncertainty, perhaps owing to the influence of the Semitic language flourishing side by side with the Accadian.

We must remark, however, that the rule for the qualificative to precede the verb which it qualifies in the respective positions of the attributive genitive or adjective and the word qualified, is by no means inflexibly observed in some of the Altaic languages, to keep to the Ugro-Finnic group, we find that the rule in Tcheremissian is that the syntactical genitive (without any suffix) should precede the subject, and

the grammatical genitive (formed by means of a suffix) follow it, in ancient times there was this same rule in the Proto-Medic, thus. "son of Cyrus" was expressed as *kuras sakri*, or else *tar kurasna*. In Zyrainian, the purely syntactical genitive can follow the word which it qualifies in certain fixed cases. In Votiac, the position of the genitive, either syntactical or grammatical, and of the adjective is indifferently before or after the word described.

I have just mentioned the rule for the position of the genitive in Proto-Medic, with regard to the adjective, that it always follows the noun to which it refers. In Susian even the syntactical genitive always follows the word which it qualifies, while the adjective precedes it.

3rd *The verbal conjugation most frequently in use is prepositive, and not postpositive*

The order of conjugation is as follows: pronominal subject prefixed + root + termination of tense, etc., if necessary, + termination of number if necessary, and in the derived voices ¹ pronominal subject prefixed + formative of the voice + root, and termination of tense if necessary + termination of number if necessary. The postpositive conjugation is the most original characteristic of the Accadian; it is exactly the opposite of the mechanism of the Ugro-Finnic and Turco-Tartaric verbs.

I do not however think that this last mechanism can be considered as an essential and fundamental feature of the Altaic languages.

¹ By this term, which seems to me best suited to the facts observable in the Accadian, I understand what is spoken of commonly in the Ugro-Finnic or Turkish grammar as "derived verbs."

Two of the principal groups of the Altaic family, the whole of the Mongolic group, and Mantchoo in the Tungusic group, have an entirely different verb, which allows of no personal suffixes, and which prefixes to the root the personal pronoun intact in its absolute form, in order to express explicitly the person indicated, which it cannot otherwise do. It is certainly always written separately, whilst in the Accadian it seems more entirely incorporated with the word, but that is simply a question of custom and orthography, which has nothing to do with the essential process of grammatical construction, and the order established by the mind in the elements of the position.

Philologists of Castren and Max Muller's standing have no hesitation in affirming that the word in Mongolic and Mantchoo represents the most ancient type of the Altaic verb, which remained intact in these two groups, whilst in others it was so modified that it assumed an entirely different aspect. Some languages have remained in the purely radical stage which always precedes agglutination, like the ancient Chinese, they have the pronoun before, and not after the verb. This is the order which presents itself most naturally to the human mind. The correctness of such an opinion is further proved in a most decisive manner by the fact that, even in our own day, Mantchoo has passed from the first stage to the agglutinative, placing the sign of the person at the end in some dialects of the Tungusic group. Castren has proved that the use of pronominal suffixes for the different persons of the verb has only

lately become general amongst the tribes round Njertchinsk, as was the case rather earlier with the tribe of the Buriates belonging to the Mongolic group, but the other Tungusic dialects, and particularly Mantchoo, remain strangers to this innovation¹

It is interesting to compare the verb in Mantchoo with that of the Accadian. In the indicative mood it is conjugated like either of the personal indicatives of the simple voice in the Accadian pronoun + root + termination of tense. Thus, in the present *bi ara-mbi*, "I write," *si ara-mbi*, "thou writest," *ci ara-mbi*, "he writes," are exactly like the Accadian, *nu-šar-ri*, *iz-šar-ri*, with the same meaning. More often the personal pronoun is omitted in Mantchoo, so that the verb seems at first to be of no person.² That is precisely similar to the impersonal indicative of the Accadian, one of the moods most frequently used in the texts, in which there are no pronominal prefixes

There is another construction in Mantchoo exactly like the Accadian: I refer to the practice of placing between the pronoun and the root, that is to say before the latter, a formative which has itself the meaning of a root existing independently in the vocabulary, the first concessive is an instance of this present, *bi baha-fi ara-mbi*, "I can write," perfect, *bi baha-fi ara ha-bi*, "I have been able to

¹ Castren, and a still better authority, Schiefner, have shown that the introduction of this new principle in Buriatic was due to the influence of Yakut, a language of the Turco-Tartaric group, and in Tungusic, which belongs to the circle of Njertchinsk, to the influence of Buriatic

² Lucien Adam, *Grammaire de la Langue Mandchoue*, p. 51

write " Sometimes, instead of the termination of tense, a termination of the mood is placed after the root, like the gerund and supine are conjugated in the Accadian, it is so with the first optative *bi ara tchi*, "that I may write," and the first subjunctive is made by the addition of a formative which is originally a conjunction *bi auka ara tchi* I repeat that the division into several words is only a form of orthography, in Mantchoo we even find the casual suffixes of declension written separately Nevertheless, the principle of construction is the same as in the Accadian, although the verbs of the two languages have taken different paths, as might be expected, considering the immense distance and length of time which separates them

Therefore, although the prepositive conjugation of the Accadian may differ completely from the verbal mechanism of the Ugro Finnic and Turco Tartaric dialects, which really agrees with the Accadian post positive, it presents striking analogies with the fundamental principles upon which the mechanism of the verb is built up in Mantchoo, a language which belongs itself to the great family of Altaic languages And, in spite of the vast distance of time and space which extends between the Accadian and Mantchoo dialects, these analogies are worthy our serious attention, more especially since the first to notice them was no less remarkable a scholar than Prof Sayce

For myself I have even ventured to go farther, I suggested a connection between the construction of the Accadian verb and that of the Ugro Finnic

negative verb, at the same time propounding a new theory about the formation of the latter. This theory has been supported by O. Donner, the learned professor of Helsingfors, but elsewhere it has met with a cool reception. The present is no fit occasion to examine its merits and defend it. I prefer adhering to the rule which I made at the beginning of this chapter, that I would only set forth certain linguistic similarities which are acknowledged to be incontestable, and therefore I must leave this conjecture, as being up to this time insufficiently proved, though I would wish to add that my own opinion has in no way changed respecting it.

4th *The other verbal voices, with the exception of the causative, are formed by means of particles peculiar to the Accadian*

It is difficult to attach any great importance to this point, because we should find great differences between the dialects belonging to the different groups of the Altaic family, and often an individual originality, quite as marked as in the Accadian, with respect to the particles used in the formation of the verbal voices or derived verbs, according to whichever designation best suits the reader's taste. We may remark, however, that although most of the formatives of the Accadian verbal voices are without analogy, so far as we can see in the modern Altaic languages, one of them presents a striking similarity with the proto-Medic. This is the incorporation of a particle, *ra*, for the reciprocal and co-operative forms of the Accadian verb, and in the second edition of the trilingual inscriptions of the Ache-

menides, we find an enclitic reciprocal pronoun *u*, *ina*. This fact seems to point forcibly to a regular relationship.

5th *The use of certain periphrastic constructions which at a cursory and superficial glance have deceived people into thinking them prepositions*

I only mention this last point on account of the discussion there has been about the so called Accadian prepositions, and the conclusions which some would derive from them. Their presence has been regarded as a decisive disproof of any relationship between the Turanian or Altaic languages and the Accadian dialect. There need now be no more discussion about the matter. The Accadian has no prepositions, but only periphrastic constructions which may contain any words which express an idea of situation or relation. And in reality these periphrastic constructions, instead of constituting an essential and organic feature of the language, are but a fact of syntax of secondary importance, and much less remarkable than it at first appeared. They are a syntactical peculiarity, which furnishes no decisive information to guide us in the classification of the language.





CHAPTER XXI.

Altaic affinities of the Accadian Language.

THE conclusions to be drawn from the foregoing remarks are obvious to any one who is serious in his researches, and has resolutely laid aside all prejudices. The grammatical affinities between the Accadian and Turanian or Altaic languages far outweigh the differences which might be discovered, even supposing the least of these to be reckoned. Besides, the affinities are certainly of a much more essential and organic character than the differences. The latter are by no means incompatibilities, whatever people who know nothing at all about the Accadian may affirm. They must need some degree of audacious frivolity and ignorance, who would venture upon such an assertion. Now, in each instance in which the Accadian departs from the ordinary rules of the Altaic dialects, we find a parallel peculiarity appearing sporadically in some or other of the languages of this family. Such exceptions cannot therefore be regarded as entirely foreign, and certainly not as contrary to the funda-

mental genius of the great linguistic family. We had some difficulty, I own, in finding an analogous case to the prepositive conjunction, which constitutes one of the most striking peculiarities of the Accadian, and we found it at last at the opposite extremity of the geographical tract over which the Altaic dialects extend. But our comparison with Mantchoo was justified by the opinion certain illustrious philologists had previously expressed, that this language was a monument of the most ancient type of the Turanian verbal conjugation. A knowledge of the Accadian is therefore of great use in the general philology of the Altaic languages, by confirming decisively M. Castren's opinion. We can now discern that the languages belonging to this family must have passed through three successive stages, with regard to the pronominal subject of the verb.

1st Prepositive juxtaposition, in which the incorporation has taken place to a greater or less degree.

2nd Simple positive juxtaposition.

3rd Transformation of the subjoined pronoun into an affixed termination, distinct from the perfect form of the pronoun.

The Tungusic group, with the exception of the dialects spoken around Njertchinsk, became crystallized at the first stage, and even at the very beginning of that period, when the pronoun was entirely distinct from the verb which it preceded, and which was itself impersonal. The Ugro-Finnic and Turco-Tartaric dialects have all reached the third stage. As to the Accadian, it had formed its grammar at the time of its transition from the first to the second

stage, when the pronoun could be indifferently prefixed or suffixed to the root, it possesses, therefore, a very rich prepositive conjugation, which is the most generally used, and a postpositive conjugation of less frequent occurrence, which seems to have the same number of voices and moods, but no objective or negative forms. Altaistic scholars, such as the Professors Paul Hunfalvy of Pest, and O. Donner of Helsingfors, concur with the author of the present work, and the greater number of Assyriologists, in assigning the Accadian to the family of languages that they have made their special study. In their opinion, its philological classification is indisputable.

But although the Accadian should be ranged amongst the Turanian and Altaic dialects, and its affinities seem generally very close with the Ugro-Finnic and Turco-Tartaric groups, yet, since some of its characteristics are decidedly original, it is better to consider it as the type of a separate group of this family. At a later date, a closer examination than any that has as yet been instituted may enable us to recognize in it the most ancient form, the primitive type of one of the groups existing at the present time, but any attempts to establish such a connection now would be premature, in spite of the striking analogies with the Ugric dialects, which appear to M. Donner so remarkable.

The grammar of the Accadian language exhibits a very primitive character in its processes of agglutination. Possessive or verbal pronouns, suffixes of derivation, casual suffixes or those of number, particles forming the verbal voices, in short, all the elements out

of which the grammatical mechanism is formed, are joined together or remain separate without losing their identity by reciprocal contact, and without becoming corrupted for the purposes of incorporation. We see nothing analogous to the state of semiflexion at which some of the modern Ugro-Finnic languages have arrived, and at which it is now proved that the ancient dialects of Media and Susiana became crystallized. The latter had, therefore, attained to a further degree of development than the Accadian.

A no less important proof of grammatical antiquity is furnished by the fact that Mantchoo alone amongst the Altaic languages possesses, in the same degree, the power of dispensing with the casual suffixes of the declensions, and of expressing cases by words which indicate position, the substantive remaining uninflected. This occurs most frequently in the epigraphic style, in monumental inscriptions, for instance. Lastly, we must observe a peculiarity of the same kind, pointing to the primitive phase of the language, when it was still at the rhematical stage, in the number of words formed from simple roots without any suffixes of derivation, and used indifferently as verbs and substantives. There is not one of the Altaic languages that has not preserved a few of these forms, which remain invariable, whether used as verbs or substantives, but in the Accadian they constitute a large part of the vocabulary.

Besides these facts, which only show the Accadian grammar to be in a more ancient state than any other of the known Altaic dialects, this language exhibits, at the same time, peculiarities of syntax,

which are in reality very striking, but which are by no means contrary to the Turanian or Altaic genius, although they may appear rather exaggerated. The agglutinative tendency holds such sway there that it almost approaches polysynthetism, or a holophrastic construction. Two important and well defined instances will prove the truth of what I say.

1st The casual suffixes and the possessive pronouns used as suffixes of a substantive that governs a genitive, or is accompanied by an adjective, are not placed after the substantive itself, but after the genitive or adjective. Thus, *kar kâdingnata*, "upon the quay of Babylon," reads literally, "the quay of Babylon upon," and *sam tillabiku*, "for its whole price," is also literally, "price whole its for."

2nd When there is an enumeration of things in the same case, no matter how long, and even if each word of the enumeration be accompanied by an adjective or genitive which it governs, the whole series is regarded as a single polysynthetic group, and treated as a regular compound word, instead of giving to each term of the enumeration its casual suffix, one only is used for the whole, and is placed at the end of the series. For instance. *χarsak taq sirgal taq guk taq zakurna*, "the mountain of alabaster, lapis, and marble," is literally, "mountain stone of the great light stone blue stone shining in."

This is not polysynthetism properly so called, such as we find in the American languages, but it is a tendency towards such a principle, resulting from agglutination. In the American languages, and it is

needless to say we are merely drawing a comparison, not pointing out a relationship, all the elements of a complete proposition become one single word, and the incorporation is so perfect as to allow the different words incorporated to interpenetrate each other and otherwise assume corrupted forms. In the Accadian, on the contrary, all the elements of polysynthetic agglutination remain intact, without any alteration or corruption of form, each preserving its identity, the group of words united by a common suffix does not become one single word, it remains a proposition, a member of a sentence composed of distinct words, which become agglutinated into a new kind of unity intermediate between the separate word and the complete phrase.

This remains a fact of syntax, without reference to morphology or grammar.

There are other constructions which I have termed incapsulations, which resemble somewhat a characteristic feature in the American languages. They not only unite into one group all the elements of the most complex idea, but the words become mixed up one with the other. F. Lieber has named this peculiarity incapsulation, thus comparing the way in which the words are placed in the phrase to a box which contains another, itself containing a third, the third a fourth, and so on. There is the same tendency visible in the Accadian, though not carried to so great an extent. Just as synthetic agglutination has no power to form a single word of the elements which are thus brought together, but merely constitute a homogeneous group of a peculiar kind, in which the

words, far from being corrupted by constant contact, remain entire, and preserve their own identity to a certain extent, yet at the same time coalescing sufficiently for the whole group to be declined as one word: so incapsulation introduces into this long series, as you might insert a small box into a large one, a member of a sentence perfect in itself, or a less complicated synthetic group. Properly speaking, there is no fusion of one holophrastic word into another, but simply of a sentence complete in itself, and in the elements of which synthetical union has sometimes already begun, between a word and its casual suffix, or else in the midst of a conglomeration of words which are declined as a whole, and are joined by a common suffix. Furthermore, this fusion is not as complicated as in the American languages; I have never met with it double, triple, or quadruple, as occurs in those cases, but it is always simple.

We have in Accadian thus one example of this phenomena, which may very easily be analyzed, in the expression, *egir sam nutillabiku*, "after his installment," literally, "the remainder of the price not complete his to," in which *sam nutillabi* is inserted between *egir*, "remainder," and its casual suffix, *ku*, forming together *egirku*, "after."





CHAPTER XXII

Accadian and Altaic affinities

OUR knowledge of the Accadian is as yet far from perfect. The subject of the grammatical forms has received the most attention up to the present time, and is therefore the most clearly understood. On this point, the most essential facts are already fully established, we possess a sure method of comparing languages, and it is consequently easy to weigh the affinities existing between the Accadian and the Altaic languages, as we have just done. On the other hand, questions of pronunciations and the vocabulary have hardly been examined at all in a scientific manner. So we ought to be much more careful in speaking of the connection between the lexicon of the Accadian dialect and that of the modern languages of the Turanian or Altaic family.

However, some very remarkable analogies have already been discovered between a large number of Accadian words and the corresponding words of the Ugro Finnic or Turco Tartaric idioms.

Such for instance, as the names of the numbers up to seven

	ONE	TWO	THREE	FIVE	SIX	SEVEN
Accad	<i>id</i> ¹	<i>las</i> ²	<i>is</i>	<i>baia</i>	<i>as</i>	<i>siesna</i>
Fin	<i>yksı (yhdén)</i>	<i>kaksı</i>	<i>kol-mc</i>	<i>vusı</i>	<i>kuusı</i>	<i>sciceman</i>
Esth	<i>nks</i>	<i>kaks</i>	<i>kol-m</i>	<i>vus</i>	<i>kuus</i>	<i>seice</i>
Lap	<i>akt</i>	<i>kvectc</i>	<i>kol-m</i>	<i>vit</i>	<i>kot</i>	<i>écc</i>
Tcher	<i>ık</i>	<i>kok</i>	<i>ku-m</i>	<i>vis</i>	<i>kut</i>	<i>sım</i>
Mord	<i>vaıkc</i>	<i>kavto</i>	<i>kol-mo</i>	<i>vate</i>	<i>koto</i>	<i>sısem</i>
Zyr	<i>otık</i>	<i>kyk</i>	<i>kuı-m</i>	<i>vit</i>	<i>kvaıt</i>	<i>sısim</i>
Vog	<i>akva</i>	<i>kıt</i>	<i>koi-onı</i>	<i>at</i>	<i>kot</i>	<i>sıu</i>
Ost	<i>ıt</i>	<i>kat</i>	<i>ıud-cı</i>	<i>vet</i>	<i>ıut</i>	<i>tabct</i>
Mag	<i>egy</i>	<i>ketto</i>	<i>hai-on</i> ³	<i>ot</i> ⁴	<i>hat</i> ⁵	<i>hct</i> ⁶

I shall give some instances of analogies which present themselves at the first glance.

1st In the terms used to designate the parental and filial relationships

	FATHER	FATHER	FATHER	MOTHER	MOTHER	SON
Accad	<i>ad, adda</i>	<i>ai</i>	<i>abba</i>	<i>unnu, unnuma</i>	<i>nene</i>	<i>taı</i>
Fin	<i>ısa</i>	<i>aiıa</i> ⁷		<i>ema</i>		<i>taı</i> ⁸
Esth	<i>ıssa</i>			<i>onuma</i>		
Lap	<i>attıe</i>	<i>aiıa</i>				
Tcher	<i>atıa</i>			<i>ava</i>		
Mord						<i>tsóra</i>
Zyr		<i>aj</i>				
Vog		<i>ıaj</i>			<i>an</i>	

¹ A contraction of *ıld*, according to the phonetic laws of the language

² A contraction of *kaks*

³ In Yakut, *us*, Uygur, *uc*, Tchouvache, *visse*, Osmanlı, *uc*

⁴ In Yakut, *ıas*, Uygur, *ııs*, Tchouvache, *pıl-ık*, Osmanlı, *beş*

⁵ In Yakut, *al-ta*, Uygur, *al-tı*, Tchouvache, *ol-ta*, Osmanlı, *al-tı*

⁶ I do not give the name of the number "four" in this table, because in the Accadian it seems to be quite distinct, *sana*, *san*

⁷ "Old man, grandfather"

⁸ This is only used in the duplicate form *tytar*, "girl," but the simple *taı* has a share in the formation of a great many mythological names

	FATHER	FATHER	FATHER	MOTHER	MOTHER	SON
Ost.	<i>ata</i>				<i>ana, ane</i>	
Mag	<i>atja</i>				<i>anya</i>	<i>der</i>
As Turk	<i>ata</i>		<i>baba</i>		<i>ana</i>	<i>tura</i>
Osm	<i>ata</i>		<i>baba</i>		<i>ana</i>	

2nd In the names of limbs and parts of the bodies of men and animals

	HAND	HAND	FOOT	MOUTH	EYE	BLOOD	BONE
Accad	<i>gat</i>	<i>id</i>	<i>arik</i>	<i>du</i>	<i>si silim</i>	<i>us³</i>	<i>lum</i>
Fin.	<i>kate</i>		<i>jalk a</i>	<i>sū</i>	<i>silma</i>	<i>ver t</i>	<i>luu</i>
Esth	<i>kast</i>		<i>jalg</i>	<i>su</i>	<i>silim</i>	<i>verr t</i>	
Lap	<i>kat kiet</i>		<i>juolk e</i>	<i>co-d⁴</i>	<i>calme</i>	<i>var</i>	
Tcher	<i>ket kid</i>		<i>jal jol</i>	<i>su⁵</i>	<i>sin a</i>	<i>ver</i>	<i>lu</i>
Mord	<i>ked kad</i>				<i>selme</i>	<i>ver</i>	
Zyr	<i>ka</i>				<i>sin</i>	<i>vir</i>	<i>ly</i>
Vog	<i>kat</i>			<i>tu s</i>	<i>sem</i>	<i>vujr</i>	<i>lu</i>
Ost	<i>ket</i>			<i>tu t</i>	<i>stem</i>	<i>ver</i>	<i>ly</i>
Mag	<i>ke</i>		<i>gjalog⁶</i>	<i>sa j</i>	<i>s em</i>	<i>er</i>	
As Turk.		<i>il</i>	<i>ajog</i>				
Osm		<i>el⁷</i>	<i>ajag</i>				

	SKIN	WOOL	HAIR	TAIL	URINE	GERM SEED OF ANIMALS
Accad.	<i>su</i>	<i>sik</i>	<i>kun</i>	<i>kas kisi</i>	<i>kul</i>	
Fin					<i>kusi</i>	<i>kull t⁸</i>
Esth					<i>kusi</i>	<i>kol t</i>
Lap					<i>koj</i>	<i>kuol⁹</i>
Tcher					<i>ku vut</i>	
Mord						
Zyr						
Vog					<i>kus</i>	

G 1 this ancient word is only preserved certain mythological appellations
 Royal race chief The Accadian *tur* has also the secondary meaning of
 chief

³ A contraction of *tus*

Throat

⁵ Apert re

⁶ One who goes on foot

⁷ Ostiaco-Samoyed c, *ude* I rak *uda*.

⁸ Male member

⁹ Testicle

Laterally urine water

	SKIN	WOOL, HAIR	TAIL	URINE	GERM, SEED OF ANIMALS
Ost.				<i>χos-um¹</i>	<i>lila</i>
Mag				<i>hud</i>	
As Turk	<i>soi-maq²</i>	<i>sac³</i>	<i>kin³</i>		
Osm	<i>soi-maq</i>	<i>sac³</i>			

3rd In the names of living beings.

	MAN	MAN	OX	FISH
Accad	<i>guni, lū</i>	<i>mulu</i>	<i>χar</i>	<i>χana, χa</i>
Fin			<i>hai-la</i>	<i>kala</i>
Esth			<i>har g</i>	<i>kala</i>
Lap			<i>hai-gge⁴</i>	<i>luclē, guolle</i>
Tcher		<i>inaai-a</i>		<i>kol</i>
Mord		<i>mord-va</i>		<i>kal</i>
Zyr	<i>kou-i</i>	<i>moi-t</i>	<i>loi</i>	
Vog	<i>kum, χumi</i>			<i>lul, χul</i>
Ost.	<i>χu-i</i>		<i>kār, χār</i>	<i>χul</i>
Mag	<i>hīm⁵</i>		<i>o-koi</i>	<i>hal⁶</i>
As Turk			<i>o-kuz</i>	
Osm			<i>o-kuz</i>	

4th In the designation of parts of plants.

	STALK, BRANCH	ROOT	LEAF ⁷	FRUIT, SEED
Accad	<i>gis</i>	<i>ur</i>	<i>dub</i>	<i>kalumma (kaluvva)</i>
Fin	<i>oks-a</i>	<i>jui-i</i>	<i>lecht-i</i>	<i>kulv-i⁸</i>
Esth	<i>oks</i>	<i>jūi</i>	<i>lechhed</i>	<i>kulv-a-n⁹</i>
Lap	<i>aks-e</i>			<i>gilv¹⁰</i>
Tcher	<i>ukš</i>			
Mord		<i>jor</i>	<i>lop-a</i>	
Zyr				
Vog			<i>lop-t</i>	

¹ "To make water"

² "To flay, gall, skin"

³ "Hinder part, that which comes after"

⁴ "Reindeer"

⁵ "Male"

⁶ Mongolic, *hal*

⁷ And also "leaf, table of writing"

⁸ *kulv-an*, "to sow"

⁹ "To sow"

¹⁰ *Gilv-it*, "to sow"

	STALK	BRANCH	ROOT	LEAF	FRUIT	SEED
Ost.			<i>jor</i>	<i>lip-et</i>		<i>kir em</i>
Mag.		<i>äg³</i>		<i>lev-el⁴</i>		
As Turk.						
Osm.						

5th In the names of the heavenly bodies, the elements, and the great phenomena of the terrestrial surface

	HEAVEN GOD	SKY TEMPEST ⁵	SUN	DAYBREAK	DAY	LIGHT
Accad.	<i>ana</i>	<i>imz</i>	<i>utu⁶</i>	<i>kun</i>	<i>tam</i>	<i>sir⁷</i>
Fin.		<i>jymj⁸</i>				<i>sar-a stan⁹</i>
Esth.						<i>sor a n</i>
Lap.						<i>sarra</i>
Tcher.		<i>juma</i>				<i>sar</i>
Mord.		<i>jom³</i>				
Zyr.	<i>jen⁴</i>	<i>ym⁵</i>				
Vog.						<i>sar m⁶</i>
Ost.						
Mag.						<i>sar</i>
As Turk.			<i>udun⁷</i>	<i>gun⁸</i>	<i>tan</i>	<i>sari</i>
Osm.				<i>gun</i>		<i>sari⁹</i>

And als leaf table of writ or

To sow

⁵ There is here a metathesis of the radical vowel which is medial in the Accadian and initial in the Ugro-Finnic languages

In the language of the Lapps leaf page

⁶ Generally all kinds of meteorological phenomena

⁶ Cf *ud*, day

⁷ Cf *ser* = ray *ser ka* = brilliant splendour

⁸ Thunde

⁹ To become light *s klu* light

To shine or ray

Light Yello

⁹ Sky

⁴ God In the Votiac, *m*, sky

⁵ Thunder It is the well known root of the word *jum l j m l* which becomes in most languages of the Ugro-Finnic group the title of the divinity

⁶ White

⁷ Day Mo gol *ud* sun *ed-ur* day

⁸ Day Mo gol *kun*

⁹ For the root *s r er sr* to shine, to be clear white in all the groups of the Altaic family see Schott's *Ueber der Altische Sprachschlecht* Vol I p 136 O Donner's, *Vergl Hoerterl der Finisch Ugrischen Sprachen*, p 109 et seq

	MOON	MOON	NIGHT	EARTH, COUNTRY
Accad	<i>idu</i> ¹	<i>ai</i>	<i>gig, gie</i>	<i>ma, mada</i>
Fin	<i>kuta-ma</i>			<i>maa, mu-la</i>
Esth	<i>kû</i>			<i>mci-sa</i> ³
Lap	,			
Tcher				<i>my-landa</i>
Mord	<i>kuu</i>			<i>mo-da</i>
Zyr				<i>mu</i>
Vog	<i>kolita</i> ⁴			<i>ma, ma-g</i>
Ost	<i>χoda-j</i> ⁴			<i>mc-g</i>
Mag	<i>hold</i>			<i>mc-zo</i> ³
As Turk		<i>ai</i>	<i>gije</i>	
Osm		<i>ai</i>	<i>gije</i>	

	MOUNTAIN	FIELD	STONE	WATER
Accad	<i>kur</i>	<i>sa</i>	<i>taq</i>	<i>a</i>
Fin	<i>koi-k-o</i> ⁵	<i>sia</i> ⁶		
Esth	<i>koi-g-e</i> ⁷	<i>sia</i> ⁸		
Lap	<i>kai-as</i> ⁹			
Tcher	<i>kor-ok</i>			
Mord				
Zyr				<i>ju</i> ¹⁰
Vog				<i>ja, je</i> ¹⁰
Ost	<i>kcr-es</i> ¹			
Mag				<i>ja</i> ¹¹
As Turk			<i>taś</i>	
Osm			<i>taś</i>	

¹ Cf Hesych v αιδης

² The form *kû*, contracted from *kûta* is more frequently used

³ "Field "

⁴ "Morning "

⁵ "Elevation," all philologists are agreed in considering the root *koi k*, in the Ugro-Finnic languages, as a secondary root, derived from a primary root *koi*

⁶ "Situation, place "

⁷ "High "

⁸ "Here "

⁹ "Great," cf in the Accadian *gun-us*, "exalted, powerful" In the Votaic, the word for "mountain" is formed with the same suffix of derivation, *gun-ez*

¹⁰ "Water-course "

¹¹ Only preserved in certain names of places

6th In a few essential verbs

	TO BE.	TO BE FINISHED TO COMPLETE	TO PLACE TO PUT
Accad	<i>men (zen)</i>	<i>til</i>	<i>ku</i>
Fin	<i>ol-en</i>	<i>taj si</i>	
Esth.	<i>olle ma</i>	<i>t u s</i>	
Lap		<i>t n a s</i>	
Tcher	<i>yl-em</i>		
Mord	<i>al-ems</i>		
Zyr	<i>zol ny³</i>	<i>tjr</i>	
Vog			
Ost.	<i>ud-em</i>	<i>tet</i>	
Mag	<i>(zal zan)</i>	<i>tele</i>	
As Turk	<i>ol maq</i>	<i>tol maq</i>	<i>qo maq</i>
Osm	<i>ol maq</i>	<i>tol maq⁴</i>	<i>qo-maq</i>

	TO COMPLETE TO FINISH ⁵	TO ADJUST TO PLACE TO ADD	TO CLT
Accad	<i>lak</i>	<i>tab</i>	<i>χas</i>
Fin	<i>kok-o⁶</i>	<i>tap-a n⁷</i>	<i>(⁸)</i>
Esth.	<i>kokk⁹</i>	<i>tab a n⁷</i>	
Lap	<i>cok-e</i>	<i>tap a tet⁷</i>	
Tcher	<i>kog-o</i>		<i>kt -e</i>
Mord			
Zyr			
Vog			<i>las ai</i>
Ost			<i>lej</i>
Mag		<i>tap ni³</i>	<i>les</i>
As Turk		<i>tab maq⁴</i>	<i>qa maq⁴</i>
Osm			<i>qa-maq⁴</i>

Of course the comparison only refers here to the radical subject leaving the terminations which vary according to the languages out of the question

Full ³ Votiatic To be full ³ Substantively all

⁶ Piec all *koka-* to assemble to collect

⁷ To reach a ve at s ze

⁸ It is perhaps necessary here to note that the *k* ife which some philologists identify with the words placed below

⁹ Heap *k k k u-m* to assemble to collect

Heap Complet Knife To touch

¹⁰ To find attain *tal l m* to beat to smooth

¹¹ To hold to e grav

	TO PUT IN A LINE	TO BIND	TO CRY	TO EAT
Accad	<i>śar</i> ¹	<i>χ¹¹</i>	<i>χ¹¹</i>	<i>lu</i>
Fin	<i>sar-ja</i> ²		<i>lu-ju-n</i>	<i>je n</i>
Esth	<i>ser-an</i> ³		<i>lu-u-n</i>	<i>se n</i>
Lap		<i>kar-el</i>		
Tcher	<i>su</i> ⁴			
Mord				<i>ser er</i>
Zyr	<i>zor</i> ⁵	<i>lor-to</i>		<i>syj a</i>
Vog	<i>si</i> ⁶			<i>le m</i>
Ost				<i>ter em</i>
Mag	<i>śor</i> , ⁶ <i>sar</i> ⁷	<i>ko t ni</i>	<i>lu</i> ⁸	<i>en ni</i> (<i>er-ni</i>)
As Turk				<i>je mel</i> ⁹
Osm				<i>je mel</i>
	TO VOMIT	TO GO TO BED, REST	TO PUT A F D TO, DIE	
Accad	<i>aχtu</i>	<i>gud</i>		<i>bat</i>
Fin	<i>okse-nu an</i>			
Esth				
Lap				
Tcher				
Mord				
Zyr		<i>kul-a</i>		
Vog		<i>kol-em</i> ¹⁰		
Ost	<i>aχt-em</i>	<i>kud-em</i> , <i>χod-em</i> ¹⁰		
Mag		<i>hal m</i> ¹¹		
As Turk				<i>bat-maq</i> , ¹ <i>bit-mek</i> ¹³
Osm				<i>bat maq</i> , ¹² <i>bit-mek</i> ¹³

These are only a few examples which it would be easy to multiply, but they suffice to give the reader an idea of the striking resemblance existing between

¹ Substantively, "line"

² "Lengthening, length, extent," *ser-e-a*, "straight, extended"

³ "To put in order, regulate," *ser-a*, "upright, just"

⁴ "Perch"

⁵ "Time, turn"

⁶ "Series, line"

⁷ "Rank, order, time"

⁸ "Cry"

⁹ Yakut, *sz*, Tchouvache, *se*

¹⁰ "To spend the night"

¹¹ "To sleep"

¹² "To descend, to give way"

¹³ "To be done, completed, to finish"

the words of the Accadian lexicon, so far as we can understand them, and those of the Altaic lexicons, particularly the Ugro Finnic and the Turco Tartaric groups. It is true that we ought to beware of a simple analogy between words of different languages, for it is often deceitful, I am also quite willing to admit that all the similitudes in the vocabulary which can be discovered at present between the Accadian and the modern Altaic languages should be revised as our studies progress, when some of them will very likely prove of no value. But at the same time I must observe that many of those I have just quoted are based on facts that would defy the most minute scientific examination, facts which refer to the roots and not to the word as it stands, the examples being the result of a critical analysis or dissection of the word.

From this point of view there is another circumstance of great importance referring to the grammatical peculiarity mentioned above, namely, that there are in the Accadian many propositions or roots which retain the same form without any development or modification whether they are used as substantives or verbs. This dialect exhibits, in an absolute and living state, a number of verbal or substantive roots in daily use formed from primitive roots, which it needs close examination to discover in the derivatives of the Ugro Finnic languages. Here are a few examples

UGRO FINNIC ROOTS

kat kit bruise break
kar kor kur kir echo mur
mur speak

ACCADIAN

qut ' cut cut in pieces
kir ' word, murmur

UGRO-FINNIC ROOTS

kor, ker, "ask, seek, collect "
kan, kan, kun, ken, kin, "to be
 stiff, straight, strong, solid "

kam, kam, kum, kim, "to be
 bent, round "

tar, tor, ter, tir, "break, share,
 cut "

kar, kor, kei, kir, "to be bent,
 round, in a circle "

sak, sok, suk, sik, "to taper, to
 be first, to push forward "

sar, sor, sur, sir, "to increase,
 to enlarge, push forward, to
 be long, to expand "

ACCADIAN

kui, "to obtain, to conquer "

gan, "to stand up, to exist, to
 be "

gin, gen, "to stand up, to be
 firm, exist "

gam, "to be bent "

tar, "cut, separate, decide "

kar, "circle, collar, viscera "

sal, "head, summit, point,
 chief "

sar, "push forward, grow "

sir, "push, expel "





CHAPTER XXIII

Phonology of the Accadian Language

NOW the comparisons which we have just drawn between the different vocabularies, and how illustrated by examples, reveal the unexpected fact that the Accadian roots resemble the Ugric much more than they do the Finnic. They are less full, less developed than those of the latter language, while they resembled those of the former in the frequent omission of the vocalic termination and the modification of two rival consonants into one.

Some philologists have stumbled at this fact, as they considered it necessary to the proof of the Altaic character of the language that the Accadian forms should resemble more closely those of the Finnic dialect. But in this, to my mind, they are only yielding to a preconceived idea, they should give the character of recent alterations to the differences of form which distinguish the Ugric from the Finnic roots. But really nothing justifies this

But not however the internal contraction which suppresses a syllable in the middle of a word. No example of this is found in the Accadian though it is often to be met with in the ancient dialects of S. S. a.

opinion, which is pretty generally adopted by Altaistic philologists. The points in question are not necessarily of any fixed date, they may have belonged to a much earlier period than is generally supposed, and constituted, perhaps long ago, the individual originality of the Ugric idioms as well as of the Accadian in comparison with the regular Finnish dialects. This is the conclusion to which I have been led by the study of the Accadian language.

But we must now examine the phonetic phenomena which are allowed to exist in the Accadian itself, and for this purpose we must study it apart from any exterior comparison. This language reveals, indeed, a very curious contrast, which is also highly important. On one hand, it is a language which was formed and crystallized at a very early epoch in the original phase of agglutination, and its grammar possesses, consequently, some forms of a most ancient stamp, to which, from this point of view, none but those of the Mantchoo can be compared. On the other hand, in the monuments we possess, it seems to be a language of long standing, spoken for centuries, the words of which are as though worn out by long use. We discover in it the effects of very powerful agents of phonetic change.

These influences, as we gather from the transformations which the roots undergo in the heart of the language, may be distributed into two classes, a tendency to omit the final vowels, and an attempt to soften the pronunciation.

The Accadian is peculiarly prone to the omission

of final vowel For a certain number of words we find equally both forms, with or without the final vowel for instance, *dara* and *dar*, "race," *utu* and *ut*, "sun," *eni* and *en*, "lord" The influence of a tendency to omit the final vowel strikes us even in words of which we discover the formation by means of suffixes ending in a vowel Thus, *ma*, "country," produces *mada*, by means of the individualizing suffix *da*, and *mada* becomes contracted into *mad*, *tutu*, "to pass, leap over, enter," is certainly derived by the addition of the suffix *ti*, and the more simple root *tu*, "to assail, attack, enter," and it becomes *tur* All the casual suffixes which do not end in a heavy vowel are susceptible of this contraction, we find *ungalmur*, "to my king," for *ungalmura*, *ennunak*, "for the guard," instead of *ennuneku*, *χilib*, "the splendid and magnificent," for *χilibi*

This endeavour to modify the pronunciation gives rise to three principal facts, which we shall illustrate by several examples

1st The alteration in the root by the omission of the final vowel is not the only one made, for that often leaves a consonant at the end of the word, when the consonant is *m*, *n*, or a guttural, it is often suppressed, in order to render the sound more agreeable, the parallel forms *erin* and *eri*, "servant," *gig* and *gie*, "night," etc, etc, furnish us with a proof of this modification Hence a fact, traces of which are now beginning to be discovered in the Accadian, and which have long been proved to exist in Finnic, Magyar, and all the Ugro-Finnic languages, we do not possess the full and perfect form

of the root in many words, except as joined to a suffix of declension or conjugation, because in the absolute form the root is contracted through the influence I have just mentioned

Take therefore as an example the verbs "to give" and "to accomplish," in the infinitive and singular of the preterite they are *sî* and *sî*, but directly it becomes necessary to add a suffix of number or time, in the plural of the present, they assume the forms *simus* and *simue*, *sigies* and *sigi* (for *sigi-e*), because in reality the root is *simu* and *sigi*, and the addition of the suffix (acting here as an element of preservation, quite contrary to its usual functions in inflected languages) keeps it perfect, and arrests the contraction of the final letter, which takes place when there is no suffix to protect it.¹

2nd In its effort after euphony, the Accadian pronunciation rarely allows of two adjacent consonants. We should not be able to find more than twenty such instances among the polysyllabic roots expressed by ideograms, and explained by the syllabaries, or those written phonetically in the Accadian texts. But we can easily fathom the reason of this peculiarity. The harsh sound resulting from the juxtaposition of two consonants is avoided by con-

¹ Great attention should be paid to facts of this kind, for they often exercise a modifying influence on the ideas which we connect with certain words. Here is an example of it. We have two forms (expressed by two different ideograms) for the Accadian word "fish," *xa* and *xan*. I compared it to the Finnic *kala* and the Hungarian *hal*, to which *xan*, from a phonetic point of view, really corresponds. But I believed so far in the anteriority of the form *xa*, which was my reason for not agreeing with M. Donner's opinion connecting *kala-kal* with a root *kal*. Well! I was wrong, for it is only a contraction of *xan* and even *xana*, the proof of it rests in the statement that I made about the illative *xanaku* (and not *xalû*) in which the root assumes its original form to support the suffix.

tracting them into one. Here is the proof. Although we seldom find two consonants in roots which allow of no further analysis, yet we often see them in the numerous compound words of the Accadian. Now, in this case, the peculiar character of the cuneiform Ananian writing, while it places the two ideograms side by side, gives no indication of the phonic modification undergone by the two roots thus brought together, but we are helped out of this difficulty by the commentaries on the pronunciation, which the Assyrian scribes so often added on the lexicographical tablets.

From them we learn that the first consonant was almost always assimilated to the second. Thus, suppose we had the two roots *ut* and *su* represented by the ideograms χ and y , when they were united into a compound, they were written as χy only the commentaries inform us that the compound became *ussu* by assimilation, not *utsu*. This modification went still further. The same commentaries inform us, by various examples, which all point to the same fact, that double letters had no effect upon the pronunciation, they were sounded like simple letters. Thus, in the compound *ut su*, literally, "sun—to set," we follow the change operated by a modification of the pronunciation through the successive forms *utsu*, *ussu*, *usu* in the word "while," and the substantive "break of day," we have the same series, *barbar*, *babbat*, *babar*. Finally, I will only remind my readers of the forms mentioned above, which are written phonetically in the texts, such as *gagarra*

for *gargarra*, *ˆnanam* for *namnam*, *ganamga* for *gai-namga*, etc , etc , their origin is now easily accounted for

3rd We have just seen that there is a tendency to omit the final guttural of a root , but the initial guttural is often aspirated under the influence of different circumstances, becoming χ from *k* or *g*; then this aspirate is modified, and finally almost disappears, or loses itself in the *h* which is always inherent in the initial vowel. The particle which is prefixed to form the precativè of verbs, exhibits the following scale of degeneration *gan*, *ga*, χa , *a* (*ha*), in a root signifying "light, day" (compare the Finnic *koι*), we can follow the same progression *ku*, χu , *u* (*hu*)

Such are the principal processes of phonetic decay, which may easily be verified in the Accadian itself, as we have already pointed out. But these processes are the result of certain tendencies, which have brought the Accadian roots to forms so closely resembling those of the Ugric roots, whilst the Finnic have preserved fuller, and therefore more ancient forms, at least, as a rule, for there are some exceptions as in every case for instance, although the Accadian *hdu*, "moon," has the initial guttural aspirated, it is less contracted than the Finnic *kuu*, which rather resembles the Vepse *kudai*, and the form that most nearly approaches the original here seems to be the Vogul *kolita* (cf Mag *hold*), the fundamental root being *kal*, *kul*, *kil*, as M. Donner has proved

No one can deny that an exact linguistic method

imposes upon us the duty of testing the comparisons established between the Accadian vocabulary and that of the Ugro Finnic languages by the laws of phonetic change, which we find in this language, operating upon the roots themselves. To act otherwise would be to deviate from the paths of science. In examining the lexicon, therefore, we acknowledge these laws, and their application may be observed in those comparisons we gave above as examples. Some have seen in them also specimens of certain laws of correspondence in articulation between the Accadian and those Ugro Finnic dialects which we can thoroughly understand, independently of the processes of phonetic change which I have just mentioned, for we are already advanced to such a point in this study, that, instead of contenting ourselves with simple approximative analogies, we begin to trace firm and unalterable laws of permutation.

1st The Accadian soft checks, *b, g, d*, correspond to the Finnic hard checks, *p, k, t*, as a rule, they are only found when some of the languages belonging to the Ugro Finnic group (exclusive of the dialect of the Lapps) allow also the soft check in the same word.

2nd Whenever the Ugric languages substitute *χ* or *h* for a Finnic *k*, the Accadian also has *χ*, and sometimes even as the initial letter the simple vowel in which the aspirate *h* is inherent, there are very few exceptions to this rule.

3rd If an *f* in Magyar is found to correspond with a Finnic *p*, we may be sure that the Accadian will also have *p*, and not the soft check, *b*.

4th In the diverse forms under which the same root presents itself, some of the Ugro-Finnic roots have a dental, others a sibilant, in such a case, the Accadian usually gives the preference to the dental, which is generally *d*, and not *t*

5th Although in the Accadian *l* is not so systematically changed into a dental, as is the case in Ostiac, still it is frequently done, and *d* is then the dental chosen

6th. The Accadian sometimes substitutes *n* for *l*, like the Ugro-Finnic languages, but this change is only made at the end of the root.

7th *Vice versâ*, it allows *l* to be used for *n* before a guttural.

8th Whenever the proto-Medic has *r*, and the Ugro-Finnic languages *l*, the Accadian has also *l*

9th If the Ugro-Finnic languages have a final sibilant, the Accadian may substitute *r*, and reciprocally.

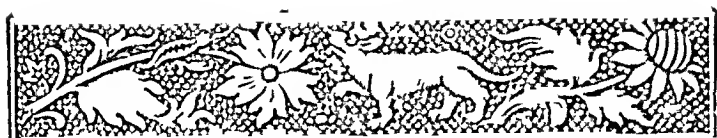
10th An Accadian *k* or *g* corresponds in certain cases to a liquid sibilant or a sonant in the Ugro-Finnic and Turco-Tartaric languages.

11th The words beginning with *ja*, *jo*, *ju*, *je*, *ji*, in the Ugro-Finnic languages, have *a*, *u*, *e*, *i* in the Accadian, for the latter has no initial *j*, or at least it coalesces with the *h* inherent in the vowel

Any one who is acquainted with the Altaic languages will see at once that these phonetic laws agree in their essential data with those of the Ugro-Finnic dialects, and especially with Ostiac, as has been already observed by M. Donner. Again, then, we find ourselves face to face with new and weighty arguments, which unite with the tendency to omit

the final letter, the rare occurrence of two adjacent consonants, several grammatical peculiarities, and the separate existence of the suffixes and the root in compounds, to prove the same fact, namely, that the Accadian bore a closer resemblance with the Ugric languages, and particularly Ostiac, than with the real Finnic languages. It exhibited in its vocabulary, at a period some thirty centuries before the Christian era, most of the changes and phonetic tendencies which characterize the Ugric tongues. It therefore bore witness to the fact that these points are not of recent date, although Finnic has remained untouched up to the present time by some of these phonetic changes, and is an example of preservation only equalled in Lithuanian amongst all the Aryan languages. So striking is the analogy, that some day, perhaps, in the progress of our study of the Accadian, it may come to be regarded as the primitive type of the Ugric languages, belonging really to this special subdivision of the great Turanian or Altaic family.

However this last conjecture may turn out, for of course it is as yet but a conjecture, we may yet confidently affirm, in spite of our imperfect acquaintance with the Accadian vocabulary, that, as regards the lexicology and grammatical morphology, the affinity of the Accadian with the Altaic languages is clearly established. New inquiries can only strengthen our opinion, and confirm this principal fact, by enabling us to judge better of the degree of relationship between the ancient Turanian language of Chaldea and certain groups which are still represented by the same linguistic family.



CHAPTER XXIV

The origin of the Kushito-Semitic religion

THE triumph of the Kushito-Semitic religion is still more ancient than the triumph of the Assyrian over the Accadian language. Only in the formulæ and hymns of the magic collection which must have been gathered from oral traditions, do we find the old religious system peculiar to the Accadians which was so thoroughly conformable to the characteristics of their race, and so connected with the beliefs of the Finns and other Turanians as to suggest that it was derived from them. Although the affinity of the Chaldaio-Babylonian official religion with that of the Syrian, Canaanitish and Arab populations, proves that this religion must have been originally promulgated by the Kushites of Babylon, yet it was the same religion as the old kings of Ur professed in spite of their purely Accadian names. The Accadian inscriptions of the Lıkbabı (or Lıkbagas, the reading of this name is still doubtful) and the Dungi¹ are dedicated to the gods who remain to the last day of Babylon the

¹ See Inscriptions of Dungi, king of Ur, in "Early History of Babylonia," in *Records of the Past*, Vol III, p 1

objects of public adoration, and whom the great sacerdotal system of classification places in the highest ranks of the celestial hierarchy. Even at this point the gods peculiar to the magical books are no longer mentioned.

At the same time, the most ancient liturgical documents we possess about the Chaldeo-Babylonian religion, that collection of hymns which I called, in a first and very imperfect attempt at a translation of its principal parts, the *Chaldean Veda*, are in the Accadian tongue, although the songs are not generally addressed to the primitive gods of Accad, but to those whom I regard as having been worshipped at first by the Kushites. It seems that the priesthood of Babylon and Chaldea in the seventh century, regarded these hymns as the most ancient trophies of their own religion which had been preserved in a settled form. So the Accadian became for them the sacred language of prayer to the gods, as well as the tongue which commanded the spirits, owing to the co-existence of the liturgical collection and the magical collection forming a sort of double Veda, only with this difference from the Indian, that in Chaldea the collection corresponding to the *Atharva Veda* consisted of older pieces, which were more suited to the primitive doctrine of the people in whose language they were composed, than those of the collection analogous to the *Rig*. There was another thing that tended still more to give to the Accadian the character of a sacred language, even in a religion

which was not primarily adopted by the Accadians. As the cuneiform graphic system had been invented by the Turanian portion of the population, and according to the genius and requirements of that language, the Chaldean people wrote in Accadian long before they wrote in Assyrian, consequently the significant names which were applied in Accadian to the Kushito-Semitic divinities had a written form prior to their Assyrian names. When writing was first applied to the Semitic language, these forms were adopted in preference to the phonetic orthography of the corresponding Assyrian names as ideographic groups consecrated by custom. This point once established, the Accadian became later, in the eyes of the Chaldean priests, the language in which they wrote the names of the gods, even when they read them in their Semitic form, and therefore, Accadian pre-eminently the language of religious symbolism.

All these facts show how ancient was the diffusion of the Kushito-Semitic religion, the sister to those of Syria and Phenicia, amongst the Accadian nation, while it still preserved its own characteristics and language. This event must have been nearly contemporary with the juxtaposition of the two races on the soil of Chaldea and Babylonia, and the Nimrodish conquest, which the book of Genesis points out to us as temporarily subjugating Erech and Accad together with Babel to the power of Kush, had no doubt some connection with it.

We must however make the best use of such knowledge as we possess, and go back further than

authentic history and the original records which have been handed down to us, in order to reach the epoch when the people of Sumir and Accad, at that time the sole inhabitants of the southern basin of the Euphrates and Tigris, whilst another division of the same race dwelt in the mountains of the east, and professed that religion of demonological naturalism, to which the other Turanian nations continued to cling, together with a hierarchy composed of the priests of magic and a worship consisting of their rites and incantations.

But there is no need to go back as far as might at first sight seem necessary for the era of the establishment of the Chaldeo-Babylonian religion, and its final triumph over the Accadian faith, in a country specially noted as the "country of Accad," the southern provinces where the Turanian language was last spoken and where the proportion of Kushites was small as compared with the Turanians. The most ancient epigraphic monuments that we possess of this reign, the empire of the old kings of Ur, may perhaps mark the establishment of the new religion. It is indeed a very striking fact which has been already pointed out by several scholars, that at the base of all the pyramidal temples of Chaldea proper, at Ur, Erech, Nippur, and Larsa, the name of the same king, which I have temporarily rendered Likkabi, is to be seen upon the bricks. "Although the whole of Chaldea has been thoroughly explored," says Canon

Rawlinson, "no trace is to be found of any sacred monument that could be attributed with any degree of probability to a date prior to this prince." He is the first of whom we possess any inscriptions, as yet, but he belongs to the regular historical period and does not open an era in it like a Menes in Egypt. Temples in the form of pyramids at certain distances one from the other must therefore be considered quite a recent institution in Chaldea as compared with what they were in the country of Shinar or Sumir, where national tradition, like that of the Bible, placed the construction of the first of these temples side by side with the confusion of tongues, and no one dared to attribute the foundation of the original pyramids of Babylon and Borsippa to any historical king; for they were said to be the work of a "very ancient" king, or perhaps even more correctly "of the most ancient king, the first king."¹ In the land of Accad, instead of being an ancient and indigenous growth, the construction of this kind of edifice was really only an imitation of Babylonian customs, undertaken and carried out in all the cities at once by the same king, who is not lost to sight in the gloom of the times, but appears on the contrary in the full light of history. Now the pyramidal temple is the tangible expression, the material and architectural manifestation of the

¹ See my *Commentaire des Fragments cosmogoniques de Bérosee*, p 55. Mr Bos-cawen in *Trans Soc Bib Arch*, Vol IV, p 167-170, has published the fragments of a bilingual text of an ancient king whose name is unfortunately lost, relating to some works carried on at the Pyramid of Babylon, from a copy made in the time of Assurbanipal, but the expressions of this text seem to me to imply the notion of a restoration and improvement on the original, considered as the completion rather than the foundation of the edifice.

Chaldean Babylonian religion. Serving both as a sanctuary and as an observatory for the stars, it agreed admirably with the genius of the essentially sideral religion to which it was united by an indissoluble bond. The king Likkibi who erected pyramidal temples in all the Chaldean towns, for up to that time they were unknown in the country, appears consequently as a sort of crowned apostle of the Chaldean Babylonian religion, he was particularly devoted to the god Sin, who became henceforth the god of the town of Ur, yet honouring equally Anu and Nana in Uruk, Samas in Larsa, Bel in Nipur, or rather in each town the god who was regarded from that time forward as its special protector. His works of religious architecture show the activity of his followers in favour of the religion which he embraced, and which he endeavoured, as it would seem with a certain amount of success to substitute for the ancient Accadian magical religion which possessed no temples and no fixed public worship.

On first beginning to study these details, the mind is struck by the unity of language and civilization in Babylon and Assyria. "The only variation, it was said at the time, in the long list of the Chaldean Assyrian kings is the fluctuation between the centres of gravity of their power. Sometimes transplanted from the south, where it had taken root, to the north, sometimes from the north to the south, the Semitic empire of Mesopotamia was termed conformably to these changes, either the Chaldean empire or the Assyrian empire. The worship,

manners, language and extent of these two kingdoms remain exactly the same.”¹ But in proportion as our knowledge of the monuments and cuneiform texts has increased, the period has come, as it does in all sciences, when we detect distinctions in what appeared at first to be quite uniform; and underneath a general unity many diversities are now found to exist. It is universally agreed, and this point has been maintained chiefly by English scholars, that in spite of the adoption of Chaldaio-Babylonian cultus by the people of Assur, the Assyrians and Babylonians were two distinct nations, possessing in many things a peculiar physiognomy, special customs and opposite characteristics, almost as different the one from the other as were those of the Greeks and Romans. The spectacle of their common interests and the difference between them, the initiative part played by Babylon and the originality which Assyria managed to keep in spite of it, has an exact parallel in the reciprocal relation still existing between China and Japan. Besides we know from the most reliable documents, and from the testimony of the Assyrians themselves, that Babylon remained almost entirely independent of Assyria until the eighth century B.C., and always had its own special history.² We must now go back still farther into the most remote antiquity and distinguish Babylonia, inhabited principally by the Kushites, from Chaldea, which retained its Chaldean or Turanian character much later. There

¹ Oppert's, *Histoire des Empires de Chaldée et d'Assyrie*, p. 6

² See particularly Smith's "Early History of Babylonia," *Trans Soc Bib Arch*, Vol. I

was originally, no doubt, a non Semitic or ante Kushite Babylon, using this name in anticipation, for to be quite correct we should say a town of Tintir, in the same way that there was an Agane and a Sippara to which we ought probably to give the title Sumirian. But the whole of this northern division of the land lost its Turanian character much more quickly than the towns of the south. Babylon and Chaldea were united for a short period, but at the time of the Kushite invasion under the legendary empire of Nimrod they quickly separated again, and their progress through many centuries was quite independent of each other, corresponding with the characteristics of the races, which predominated respectively in the two countries. During this state of things the authentic history of these two countries begins, supported by contemporary documents. From that time, even under the powerful monarchs of Ur, who united the two countries under their sway, and whose dominion seems to have extended over a part at least of the territory which was afterwards called Assyria, the difference between the races predominating in Babylon and Chaldea is plainly shown by a difference in the language most generally used in each of the countries. We have a positive proof of this fact in the official inscriptions of the vice regents of the monarchs of Ur in the principal cities. In the southern towns, as Sirgilla, Isbaggi Hea, Eridhu, these governors

These vice regents have two different titles like the towns, between which we still find it impossible to distinguish.

1st Accadan *tes* Assyrian *nu l*

2nd Accadan *ur t* Assyrian *kka kk*

generally had Accadian names, and even when they themselves bore Semitic names (as Idadu at Eridhu) their inscriptions were always in the Accadian, like those of their sovereigns in all the region of the south, from Nipur to the Persian Gulf. But at Diru in the neighbourhood of Babylon (the ancient name of this town was *Bat-ana*), as also at Assur, the vice-regents had Semitic names, and their inscriptions were written in Assyrian, in the north also the kings of Ur, Dungi for instance, used the Assyrian for their official documents. In the same way, the independent kings of Agane show by the form of their names that they were of Kushito-Semitic origin, and there were some princes, Sabuv amongst the number, who were referred back to a period of extreme antiquity by certain indications connected with the monarchs who succeeded them. From this time the predominance of the Semitic language and the ethnic element that spoke it in Babylonia is so certain, that there was no need to fear the effects of the Elamite conquest of the Kassians, which took place a little later, and their dominion during many centuries. In the inscriptions of some kings of this dynasty there is an attempt made to substitute a duality, *Kassi u Ak-kadi* for the ancient formula *Sumeri u Akkad*, but these Kassî did not however succeed in making their own language predominate, although it continued to furnish their regal names, their inscriptions as kings of Babylon were written in

¹ See in my *Choix des Textes cunéiformes*, No 5, the inscription of *Ilu-mutalil*, vice-regent of Diru, whom I have erroneously represented as a prince of Babylon itself, by a false assimilation of the Archaic form of the initial letter in the ideographic group representing the name of his town

the Accadian or Assyrian, and it was under their supremacy that the Assyrian tongue finally supplanted the Accadian everywhere, a circumstance evidently owing to the predominating influence of their capital Babylon

The annals of the northern and southern provinces of Babylonia and Chaldea, the countries of Sumir and Accad, became intermingled a little before the invasion of the Kassî or Cissians, about the twentieth century B C, when for the first time a king of Agane in the north, Sargon I, united the two countries under his sceptre and formed them into a single empire

That was the time when the great work of classification and reform of the religion took place, when the text of the sacred magical and astrological books was definitely settled, in one word when the priesthood determined to unite into a complete whole, subordinate to its own religious ideas, the various institutions which the different elements of the population had founded in Babylonia and Chaldea, and which were independent of and even perhaps antagonistic to each other

The Chaldaio Babylonian civilization was thus fairly established, it was essentially of a very mixed character, but the contributions of the two races, the Turanian and Kushito Semitic, were so thoroughly combined that it is now extremely difficult in many cases to distinguish them. This civilization became from that time common to the whole territory between Assyria and the sea. The

bilingual lexicographical tablets with their methodically classified enumerations of animals, plants, and minerals, natural and artificial objects, the anatomy of their different parts, weapons, utensils, all kinds of agricultural and industrial implements, food, drinks, means of transport by land and sea, diseases, professions, and classes of persons, furnish us with a complete picture of the state of civilization at the epoch when they were written, and the social state and knowledge upon which part of this civilization rested. It is the same that we see afterwards with a few changes existing at Babylon until the end of the great city's independence, and spreading all over Assyria. It was quite different from the Chaldean civilization under the ancient kings of Ur, of which Mr George Rawlinson has given such an interesting picture in his *Five Ancient Monarchies*,¹ from the ruins of Mugheir and Warka, great progress has taken place since those early times.

The improved civilization which is brought before us in the lexicographical tablets possesses this striking peculiarity that it is a civilization in two languages. If all the civilization were the work of one of the two ethnic and linguistic elements of the population, while the other only borrowed such improvements, we ought to find amongst the people who instituted these reforms a complete indigenous nomenclature for everything connected with the different branches of civilization, the others on the contrary would have copied from them by translating the necessary terms into their own

language, in the same way the latter element would have had recourse to the vocabulary of the other to designate objects with which it had become familiar since intercourse had been established between the two. Now we find that this is not the case, the borrowing of designations for the most necessary objects and inventions which are essential to a perfect civilization is reciprocal, almost as many names are imported from the Accadian into the Assyrian as from the Assyrian into the Accadian. There are several utensils, instruments and institutions which must have been introduced by the population speaking a Semitic language, and have formed part of its contribution to the common fund, for they were designated by a simple word in the language, while they are expressed in the Accadian by round about phrases, compounds of an artificial nature, where the Assyrian word itself has not been boldly adopted into the vocabulary. A thorough and attentive analysis of the lexicographical tablets, with a view to ascertaining what words one language borrowed from the other, would be a most interesting and useful study. These tablets would then serve as a faithful mirror, reflecting in part the work of the formation of the Chaldaeo-Babylonian civilization, my own studies have led me to the discovery that in some branches of culture the Kushito-Semitic element took the initiative, as the Turanian did in others.

I must add that as regards political matters at the time when the great work of religious, scientific, and social organization took place in connection

with the Chaldaio-Babylonian civilization, such as it was to remain, the northern provinces, speaking even then hardly anything but a Semitic language, took the principal management, as they really possessed the supremacy under Sargon and his son. The northern sacerdotal schools, those of Sippara, Babylon, and Borsippa, played a more important part in the politics of the country than the southern schools, those of Uruk and Ur. Or at least the great sacerdotal schools both in the south and north are an institution connected primarily with the Kushito-Semitic religion, although in the latter days, about the time of Nabukuduruzur and the Achæmenides, the caste which they represented called themselves specially Chaldeans, this title would have been perhaps more correctly applied to some division amongst them, the priests of magic for instance





CHAPTER XXV

The two Ethnic elements in the Babylonian nation

THE diversity of races of men and languages is a fact which struck all the ancients. In the interior of Babylon itself at the time of the first Chaldean empire different languages were spoken, which were hardly intelligible in any other part but the one where they were spoken.¹ Æschylus also calls the inhabitants of this town *πάμμικτος ὄχλος*, "a mixed crowd of every origin." And all the edicts of the kings of Babylon mentioned in the book of Daniel² begin with these words, "Be it known to you, O people, nations, and languages," The vast commerce of Babylon and Chaldea both by sea and land, as also the great influx of captives who were brought into the country by the conquering kings, such as Nebuchadnezzar, was an

Quatremère *Mémoire géographique sur la Babylonie* p. 21

¹ Is 51

² Dan 11 4 19 vi 6 vii 14

important influence in the production of this variety in race and language

Foreign peoples, forming as the Jews did regular colonies with their own religion, civil laws and language, had come, in consequence of successful wars, and established themselves in the lower provinces of the Tigris and Euphrates, side by side with the ancient population and the Armenian tribes which the cuneiform texts teach us were so numerous even in the eighth century before the Christian era, and the native population itself had always been of a very mixed character from the earliest times

, That two ethnically different races existed in the population of Babylonia and Chaldea at the commencement of the historical era, is an established fact which the labours of every Assyriologist have tended to confirm, although some ignorant and superficial devotees of the Semitic language have ventured to doubt this as well as the existence of the Accadian tongue. A dualism of language corresponded to this dualism of race. Around the lower basin of the Euphrates and Tigris two languages were spoken, belonging to quite different families, the Accadian, which we claim as a branch of the Turanian or Altaic family, and the language of the so-called Semitic group, to which the name of *Assyrian* has been given because it was used in Assyria as well as in Babylon and Chaldea. As this title of *Assyrian* has been universally adopted, we must fall in with the general custom inconvenient as it is in this case, though the name is by no means suitable, it is too

limited and has the misfortune to resemble that of the people by whom it was most recently spoken. We could not however venture to change it for a more correct designation, as that would render an already complicated question still more complicated by creating confusion in the terms used. I therefore continue to call the language by this name, but I would remind my readers that in Babylon and part of Chaldea, Assyrian was spoken long before the existence of the Assyrian nation, in other words, the people of Assur adopted in later times the Semitic language of Babylonia.

The most ancient of the Babylonian kings, some of whose epigraphic writings we possess, kings who can vie in antiquity with the builders of the Egyptian pyramids, Dungi for instance, had their official inscriptions engraved in the Semitic Assyrian as well as in the Accadian, although their proper names bear witness to their Accadian origin. Long after, about the date 2000 B.C., when Sargon I had his great astrological work compiled which we shall elsewhere examine, there was no idea as yet of the Assyrians as a nation. The composers of the astrological collection knew only in that direction some mixed tribes *gutium*, the *goum* of the book of Genesis, from the midst of which rose the town

The Assyrian tribes continued up to a late period in their nomadic mode of life. We have a curious proof of this in the fact that the word which in Assyrian means town and which is in every case peculiar to Assyria proper was *alu* a word radically and ethnologically identical with the Hebrew *אֶלֶּה* tent. In Babylon it seems that they used the word *er* which also had a place in the Hebrew language with the same meaning. Prof. Sayce ascribes its origin to the Accadian *u u* town but this last point is still doubtful.

of Assur (now Kalah-Sheigat), the first seat of civilization, which was by degrees to conquer these tribes and unite them into a compact whole. The god of this city was then called Ausar,¹ a name which was afterwards changed to Assur, and the place itself partook of the nature of a Babylonian colony.² We may remark by the way, what important grounds these facts furnish for translating Genesis x 11, "Out of that land he, Nimrod, went forth towards Assyria."

In every case the existence of the two languages has been fully proved, and this leads us to believe in a dualism of race. But owing to a rather curious circumstance, we are unable to find any exact time when the domains of the two races, as well as of the two languages, were clearly defined. From the earliest era of which we possess any written records, we see the two races mingled and intermixed, although each kept its own language and distinguishing characteristics, spreading over the whole surface of the country which extends from the Assyrian frontiers to the sea. We can only make out that in the north more people spoke the Semitic language than the Turanian, in the country of

¹ *W A I I*, 1 1, IV, 18, 2. The town itself seems to have been called *Ausar* before the god, whose name appears to have taken this form and then that of *Assur* only in order to join artificially to a Semitic root (Assyrian אַשּׁוּר Hebrew יִשְׂרָאֵל), the name of the ancient *Sar* of the Accadians, the ideographic expression of which became the usual orthography of the god Assur. The choice of the characters generally employed in writing Ausar as the name of a town are of such a nature as to lead us to conclude with Prof Sayce that the name of the place, *a-usar*, "the border of the water," is of Accadian etymology, an etymology which agrees perfectly with the situation of the town.

² See Smith's "Notes on the Early History of Assyria and Babylon," in *Records of the Past*, Vol III, p 1.

Shinar properly so called in the south, the latter language was the more general, so also in the country called Accad, and later (from the ninth century) Kaldi. But that is a question of minor importance, the two elements existed alike in the two countries





CHAPTER XXVI

The Origin of the Chaldaio-Babylonian Cosmogonies

THE Chaldaio-Babylonian cosmogonic traditions seem to have recognized the creation of two races of men, one with a brown, the other with a white skin¹ But our data with reference to this point are still too imperfect to be of much use to us here, or to aid us in discovering a connection between this belief and the two different races existing together from the earliest times in the country where this belief arose, or to allow us to compare them with that enigmatical account given in the sixth chapter of Genesis about "the sons of God" (ver 2), "the daughters of men" (ver 4) Our study of these things must be reserved until we are better acquainted with traditions of this kind

A good deal of light is thrown upon this subject by the celebrated passage of Hellanicus,² which

¹ See Smith's *Chaldean Account of Genesis*, p 86 This very solution of many apparent geological and ethnographical difficulties has been already anticipated by Domenick M'Causland in his singular and plausible work, *Adam and the Adamite*
—Ed

² Steph Byz

informs us that the primitive dualism of the Chaldean and Babylonian nations was known to the Greeks, and was expressed by their use of the names of Chaldeans and Cephenees. A whole cycle of traditions is connected with these names by the writer and other Greek authors, some of which seem really to possess an historical character, while others, in which Perseus plays the principal part,¹ are mythical, but the latter have acquired a great value since the discovery of the fragments of the Babylonian Epopee of Izdhubar or rather Dhubar, because one of the principal episodes of the legend of Perseus, the delivery of Andromeda, resembles in every detail an episode in the Epopee of the shores of the Euphrates.

To the Greeks the name Cephenees was synonymous with Ethiopians. The opinion which has been preserved by Hellanicus counts them as one of the two elements of the race inhabiting the countries watered by the lower course of the Euphrates and Tigris, the famous Ethiopians or Kushites of Babylon, whose existence is proved by so many passages of classical antiquity and the sacred writings.² The Bible connects with these Kushites the name of Nimrod,³ which is used both as the name of a hero

Arrian *Ap. Eustath ad Dionys. Perieg.* 1005. Apollodor II. 4. 5. *Chronicon* I. p. 74. ed. Dindorf. cf. Herodot. VI. 54 and VII. 61. Lucan *Phars.* VI. 449. The name of Perseus must be here the Hellenic form of a Babylonian name with which we are not yet acquainted, probably the same that had given rise to the Parsoudos of Ctesias.

See my *Premieres Civilisations* Vol. II. p. 3 et seq.

¹ Ch. Lenormant's *Introduction à l'Histoire de l'Asie occidentale* p. 40 et seq. Movers *Die Phönizier* Vol. II. part 1. p. 269. 276. 24 et seq. part 2. p. 104. 105. 388. Knobel's *Die Vortafel der Genesis* p. 251. 339 et seq. D. Eckstein in the *Athenäum Français* April 2nd May 2nd and August 19th 1854.

² Gen. x. 8. 1.

and as the name of a place, like all those contained in the same chapter of Genesis.¹ The more recent Semitic language gave to the name of Nimrod the meaning of "rebel," (from the root 772,) in consideration of the character assumed by the heroic form of this personage, but that is certainly a forced etymology of later origin. After the labours of M. Grivel² and Prof Sayce,³ there is no room to doubt that Nimrod was properly the Babylonian god Marduk reduced to the position of a hero, and we are ready to admit that Namrud was derived from an Accadian variation of the name of this god *ana amar-utu*.⁴ At any rate the god became here the personification of the people of his town.

The other element of the nation in the dualism of the Chaldees and Cephenees consisted of the Chaldees, who are described by Diodorus Siculus⁵ in a very correct passage about their discipline and their ideas as "the most ancient of the Babylonians." Hellanicus said in the same way, following the example of Stephen of Byzantium that "before the king Cepheus," that is to say, before the Cephenees, "there were some Chaldees who extended beyond Babylon as far as Choche," as far as the place where Seleucia afterwards stood. In the opinion of Berosus, the kings who reigned immediately after the flood are Chaldees. Without

¹ Oppert's *Comptes-rendus de la Société française de Numismatique et d'Archéologie*, Vol. I.

² *Comptes-rendus de l'Académie des Inscriptions*, 1874, p. 37-46, *Trans. Soc. Bil. Arch.*, Vol. III, p. 136, et seq.

³ *Trans. Soc. Bil. Arch.*, Vol. II, p. 243, et seq.

⁴ See my *Langue primitive de la Chaldée*, p. 369.

speaking in such exact terms of the existence of this nation anterior to the Kushites, the Bible clearly admits the fact by mentioning, as the origin of the empire of Nimrod son of Kush, four towns which were already in being long before his time.³ It also refers to the Chaldees at a very early epoch under the name of the *Chasdim*. Thus in the time of Abraham the great city of Ur, now Mugheir, was called "Ur of the Chaldees," and before that a chief of the Semitic tribe from which the Hebrews sprang is mentioned as Arphaxad, or Arpachshad, "neighbour of the Chaldees."⁴ This notice of Ur in the most ancient records of the Terachites as that of the principal town of the Chaldees, whilst the same records establish no connection between them and Babel, becomes a very important point in determining the true ethnographical character of this nation. In fact Ur appears in all the numerous epigraphic monuments as the city most exclusively Turanian of them all, it is only much later that we can trace any vestige of the use of the Semitic Assyrian language, all is in Accadian at the period of which we are speaking, and even under the Semitic kings of the dynasties of Karri and Larsam.

In the cuneiform documents the term Kaldu or Kaldi occurs as the name of a tribe of the great Accadian nation⁴ which was at first very obscure, but which began to be renowned about the ninth

Gen x 11

Gen xi 31 xv 7

³ Gen x 2 4 xi 10-13

⁴ St le de Sams Vul col 4 l 38 (*II A I I 34*)

century before our era ' Already under Assurnazirhabel, Salmanassar III and Samsi-Bin,² it had become mistress of the whole region bordering on the sea coast, which was then called Kaldû, and was divided into a great many small principalities governed by the chiefs of this tribe From the eighth century the tribe of the Kaldî became important enough to furnish kings of Babylon,³ and after that period the Chaldees (using the word in a special sense) inhabited the southern part of the basins of the Euphrates and Tigris, and may be counted as the great adversaries of the Assyrian power, until by overthrowing Nineveh itself they founded the last Chaldaio-Babylonian empire under the dynasty of Nabopolassar The tradition preserved by Hellanicus and other Greek writers substitutes, therefore, the name of Chaldees for that of Accadians, and even perhaps, as we shall see later, the indigenous traditions themselves used the double appellation of Sumir and Accad ⁴

But this discloses a question of great importance We have proved the identity of the languages spoken by the Assyrians and the non-Turanian portion of the inhabitants of Babylon, but the Bible affirms that the inhabitants of the two countries were of a different race, by placing Assur amongst the descendents of Shem, while the people of Babylon are referred back to Ham for their origin This would be no great stumbling-block

¹ See my *Premières Civilisations*, Vol II, p 218

² Or Samsi-Vul I

³ The same work, Vol II, p 221

⁴ We shall touch upon the question of Sumir and Accad, again in the Appendix

after the facts revealed to us by the civilization imparted to the Assyrian tribes by the Babylonian colony of Assur, it is quite natural that they should have adopted at the same time the language of their teachers which must have resembled some what the dialect they spoke before. The difficulty of our problem lies in the fact that the Assyrian, or more correctly the Babylonian tongue belonged to the family commonly called the Semitic, and neither the Scriptures nor any other tradition mention the establishment of a Semitic colony in Babylon or the neighbouring provinces. These were really the Ethiopians, Cephenees or children of Kush, which three names were given to them indifferently, who existed side by side with the Chaldeans proper, these Kushites founded the first great political power in Chaldea, the empire of Nimrod or the king Cepheus, and there is no question of a Semitic invasion having supplanted them, though we have certainly notices of a few Semitic tribes, wandering between the Kushite towns in the uncultivated tracts of land like the Terachites, who finally emigrated, doubtless before the great increase in the settled population and the Aramean tribes of later origin. But these may always be distinguished from the two really indigenous

I agree entirely with M. Schrader's theory that the various Semitic nations of the north and west who originated in Arabia the common cradle of their race had previous to the final migration which placed them in their settled habitations one and all been subject to the contact and influence of Accadian Babylon and that this affected them forcibly and modified to a certain degree their peculiar characteristics. But there is no need to suppose on this account that they had ever settled in Babylon itself. The contact must have taken place in a neighbouring country in the plains on the right bank of the Euphrates where the ancient tribes of these nations if they came from the centre of Arabia naturally encamped before they began their march to the north.

elements, and as regards dualism of language, which corresponds to the dualism of race found in the ancient inhabitants of the country, we are obliged to come to the conclusion that the so-called Assyrian dialect was the one spoken by the Cephennian or Kushite portion of the population, although it belonged to the family of the Semitic languages. The Cephennian legends confirm this opinion by referring the origin of the Teiachites themselves to the Ethiopian element in the nation "Æthiopum proles quos rege Cephæo metus atque odium mutare sedes perpulerit" ¹

This is no isolated case either. Scholars of note whose opinion is of great weight have already remarked that the term Semitic is not suitable of application here. A large part, if not the majority, of the nations mentioned in the Bible as the descendants of Ham, particularly those of the branch of Kush, spoke languages of this class ². Hebrew was originally none other than the dialect of the Canaanites, a nation itself profoundly Hamitic, and Isaiah even calls that tongue "the language of Canaan". The family of Abraham heard and adopted it during their long residence among the Canaanites, in place of the language they spoke previously which probably resembled the Arabian as the tribes of Heber and Joctan were descended from the same stock.

Ghez is spoken by a people of Kushite origin in whom the Semitic elements made themselves strongly

¹ Tacit, *Hist.*, V, 11

² See Oppert's *Athenæum français*, October 21st, 1854, De Rouge's *Révue ethnographique*, 1859, p. 109-111, and my *Manuel d'Histoire ancienne de l'Orient*, 3rd edition, Vol I, p. 122, et seq.

felt, yet the latter can hardly have furnished the language of the country, for in that case we should have expected it to be Yemen, just as we know that this people imported the writing of Southern Arabia. The Himyaritic or Sabæan language itself is the dialect of a country where the Kushite nations had established themselves before the tribes descended from Joctan, and where they always continued to form an important part of the population. Therefore if the Joctanides of Southern Arabia spoke at the time of their civilization a different language from the tribes of the same stock inhabiting other parts of the peninsula, are we not justified in attributing it to the influence of the primitive settlers in the country with whom they mingled? Thus we arrive at the same conclusion as we did in speaking of the Assyrian, and this is also the case with Hebrew. It is a so called Semitic language which was originally spoken by a people classed by the book of Genesis among the descendants of Ham, and which that people afterwards introduced and established by means of their superior civilization amongst the purely Semitic tribes who were still leading a nomadic and pastoral life.

These facts form a powerful argument, from a linguistic, and, to a certain extent, historical point of view, in favour of the theory of those writers who see in the Kushite and Canaanite nations "the most ancient branch of the Semitic family of the human race spreading over the entire interior of ancient Asia, from the sources of the Euphrates and Tigris into the heart of Arabia, from the shores of the Persian

Gulf to those of the Mediterranean, and on both coasts of the Gulf of Arabia, in Africa and in Asia " Some scholars hold an opinion that this ancient branch of the Semitic family was the first to leave the common home, and having established itself in Chaldea, Ethiopia, Egypt, and Palestine, became civilized, and was thus both an object of execration and envy to its pastoral brethren Hence they say arose the wide separation between the descendants of Shem and Ham, the latter in the south and west, the former in the east and north, although both belonged originally to the same family, speaking one language though cut up into many dialects, and professing the same religion under different symbols, which may be called as a whole the Syro-Arabic or Syro-Ethiopian family in opposition to the Indo-Persian or Indo-Germanic family, the other great section of the white races ' This view would coincide very well with the way in which the Kushites frequently coalesced with the pure Semitic races, so that they could no longer be distinguished from them, whenever the two elements have followed each other, as in Southern Arabia and possibly in Assyria

But, on the other hand, it would seem anthropologically evident from the figures on monuments and the skulls which have been examined so far, that there was a distinction between the descendants of Shem and Ham which is not found in the language, and which corresponded to that established by the biblical narrative, the people of Ham had also to a certain

¹ Guignaut's *Religions de l'Antiquité*, Vol II, part 3, p 822

degree peculiar characteristics, more materialistic and more industrial than those of the purely Semitic races, though they had likewise many common instincts, lastly, although a good many of the descendants of Ham spoke languages which were decidedly Semitic, others, like the Egyptians, possessed dialects which were doubtless closely connected with the Semitic family, but which possessed so far their own originality that they ought to be placed in a family apart. It is perhaps possible to explain and reconcile these contradictory data by modifying the formula thus obtained by a regard to the facts which have been ascertained by anthropology. In that case, we should have to suppose that the first branch detached from the parent stem was represented by the people of Ham, who coalesced with a Melanian race (black with smooth hair, like the Ghonds of India) which they found settled previously in the country into which they first spread, whilst the Semitic races were more behind hand and preserved the blood of the white race in all its purity. Thus their intermixture with another people would have sufficed after a certain time to make the descendants of Ham quite a different race from those of Shem, without, however, effacing their original affinities, especially those of language. At the same time, the mixture of blood which would in this way become the distinctive characteristic of the descendants of Ham, would not be found everywhere in equal proportions, the Melanian blood would predominate more in one instance than in another. Thus the nations referred by the biblical narrative to the family of Ham, would really exhibit

a gradation of admixture with others, more or less decided, from the people who so strongly resembled the Semitic races as to be with difficulty distinguished from them, like the Kushites of Babylon or the Canaanites of Phenicia, to the people of decidedly ethnical characteristics, like the Egyptians. And we shall discover, if we study the history of the descendants of Ham, that there was a greater or less degree of affinity between the dialects spoken by the different nations, corresponding to the degree of resemblance of the people themselves to the anthropological type of the pure Semitic races, and this is itself a most important fact in determining the question how far a stranger element entered the pure blood of the white race.

It is extremely probable that there was some mixture of a tolerably pure Melanian race with the population of Chaldea and Babylonia, and that this circumstance would have caused that portion of the people who spoke a Semitic dialect to be classed amongst the Kushites. In fact part of the region of the great marshes round the Persian Gulf appears always to have been inhabited by almost black tribes,¹ who lived in a very savage state, and over whom the culture of the great cities in the neighbourhood never had much influence. These appear to have been the ancestors of the Lemluns of the present day, of whom we have heard a good deal from the French traveller Texier, they are closely allied as an anthropological type to the Bissharris of the neighbouring land of

¹ The bas-reliefs of Susiana prove to us the existence of tribes with a stronger Melanian element in them, and of an almost pure Negroid type, see G. Rawlinson's *The Five Great Monarchies*, 2nd edition, Vol. II, p. 500.

Egypt We meet with them again in the same marshes, where the Assyrian bas-reliefs of Sennacherib and Assurbanipal exhibit them as coalescing with other tribes of a more or less Mongolian type They probably spoke "the language of the fishermen," which is mentioned in some Assyrian documents as being a different dialect from those of Assur and Accad In my opinion these tribes were really of Ethiopian origin, and represented the first *substratum* of the historical Kushites of Babylon, there are even now the remains of that most ancient population of the country who dwelt there even earlier than the Turanians, and were conquered by the latter before the dawn of the historic ages These first Kushites only remained select in the shelter of the inaccessible marshes where they had retreated, in other parts of the land they mixed with a few tribes speaking the Semitic language, who established themselves there before the Semitic race properly so called, and thus arose the second Kushite nation of the era of Nimrod and Cepheus, the only people who belong to history and who spoke the language called Assyrian, the purely Semitic races, like the Hebrews, treated these in the same way as the Canaanites, and refused to consider them of the same race as themselves in spite of the affinity of language

However I will not insist too strongly upon these latter conclusions, as they are at present conjectures which could not be fully examined and proved without necessitating explanations of a far too complicated

Mr George Rawlinson (*The Five Great Monarchies* 2nd edition Vol II p 497) had made a similar remark about the figures on the bas-reliefs relating to the Babylonian war of Assurbanipal

character to be introduced here. Of one fact we may be sure, namely, the existence of the Kushito-Semitic and Tuamian or Altaic races following each other, and coalescing over the whole of Babylon and Chaldea, as long as we can discover from the monuments in our possession, one predominating in the north, the other in the south. An eminent anthropologist Dr. Hamy has discovered amongst the figures of kings and other inhabitants of the country represented in the ancient Babylonian sculptures, the existence of two entirely distinct ethnological types of race. One has a slender figure, the other is short and dumpy, the first was a remarkably long shaped, the second a round skull, and finally, one shows very remarkably the arched profile of the Syro-Arabic or Semitic races with its aquiline nose; whilst the other is distinguished by prominent cheek-bones and a nose with highly curved nostrils. In the words of M. Hamy, the second Babylonian and Assyrian type "differs radically from the Syro-Arabic type, in the same degree that the peasants of our central table-land do from the Jews and the Arabs," and this second type resembles rather than any other known to us that of the Ugro-Finnic and Siberian races, to whom several anthropologists have assigned the name of *Mongoloides* ¹

In our previous researches we have thus seen that there was a dualism of language corresponding to the dualism of race, and that one of the languages, the Assyrian, belonged to the Semitic family, while the other, the Accadian, formed a separate group of

¹ See my *Langue primitive de la Chaldée*, p. 382-386

the Altaic family, closely allied to the Ugro Finnic dialects. It is not improbable that this ancient fusion of two entirely different dialects spoken in the same land, had much to do with the origin of the tradition which placed at a very early epoch the origin of the confusion of languages at Babylon. Lastly, the special researches we have prosecuted in the present work lead us to point out another parallel dualism, that of the religions. Side by side with the Semitic and Turanian languages in Chaldea, we have seen on the one hand a religion closely related to those of Syria and Phenicia, belonging to the same group and founded on the same conceptions, and on the other, a system of magic resulting from very different views, with its own gods and spirits, resembling forcibly the magic of the Finns and all the Altaic nations, and connected with a perfect religious system which is explained in the magic books, and which was only a normal development of that demonological naturalism which is peculiar to the Turanian nations.

All these facts combine in a most striking manner, and the fundamental difference, the first opposition of the two elements constituting the population of Chaldea and Babylonia in the most remote ages, appears in the religion as in the language. There were doubtless two races of men whose history can be traced back to the time of their divergence from each other, each having its own characteristics and possessing its own language.



CHAPTER XXVII

The Priority of the Accadian Population of Chaldaea

THE fragments of the narrative of Berosus which we possess begin thus "There were (originally) in Babylon many men of a *foreign race* (ἀλλοεθνῆς), who inhabited Chaldaea, living in a savage state after the manner of animals" There is no other way of translating this phrase, the word ἀλλοεθνῆς has only one meaning in Greek, it is synonymous with ἀλλόφυλος It has a stronger signification than ξένος, since it gives not only the idea of foreigner, but also that of "man of a very different nation, of another race"¹ So in the eyes of Berosus the first inhabitants of Babylonia, whom the god Oannes (Hea) came to civilize in person, and whose first place of abode was Chaldaea, were foreigners of another race

But with relation to whom were they foreigners and of another race? Plain common sense tells us that it was as compared with the Babylonians of the time of Berosus, namely, the people speaking the

¹ See my *Langue primitive de la Chaldée*, p 327

Semitic language to whom the writer belonged. We cannot even imagine him to have had any other intention. In the same way we often find the name of the Philistines changed in the Septuagint into *αλλοφυλοι* used absolutely, meaning there a people of a different race from the Israelites.

From these observations we are led to conclude that the Chaldean priest who translated the annals of his native land into Greek under the first Seleucidæ, regarded the non Semitic, the Accadian or Turanian people, as the first occupier of the soil. This was the national tradition. The question is, was it correct? We have at present no means of ascertaining this, and there are reasons for thinking, as we said just now, that this element which possessed a certain amount of civilization had superseded a primitive savage population, itself almost Melanian, which is to this day represented by the Lemluns. But one thing however seems certain, all the Assyriologists who have studied the subject admit unanimously that an Accadian or Turanian element furnished the first civilized inhabitants of the vast plains, of the lower part of the basin of the Euphrates and Tigris, and that from this point of view they had decidedly the priority over the Semitic or Kushitic Semitic element. The Turanian remained during long centuries, and particularly in the southern provinces, the predominating element with regard to politics and language in the dualism of the population, even after that dualism had become too decided for anyone to deny that the civilization common to the tribes speaking the two languages was the work of one race alone.

That the Accadians or Tuianians had the priority over the Semitic or Kushito-Semitic races is proved by the geographical names of Chaldea and Babylonia which the Semitic portion of the population adopted ; for these do not certainly belong to their language, nor have they any precise etymology in it ; they were beyond doubt borrowed from the Accadian. Examples of this are furnished by the two great rivers the Tigris and Euphrates, and some of the most important towns of the land, as Ur (*uru*, "the town" above all others), Uruk, the Erech of the Bible (*uru-uku*, "the eternal city"), Larsam, Agane, Suippak, Eridhu, Nipur, Borsippa, not to mention the names of many towns of which the non-Semitic character is clearly manifest. These instances of geographical nomenclature are quite decisive, although their number is limited, for in most cases the towns of Babylonia and Chaldea had a double name, as is the case at the present day in Hungary and other countries where two races speaking different languages exist together, neither having absorbed the other. Thus one of the most important towns of Babylonia was called in the Assyrian *Kuti* and in the Accadian *Tiggaba*. In the Bible it is called Cutha, a modification of the Assyrian form, but the classical geographers copied from the other name, Pliny writes it *Digba*, Ptolemy, *Digua*, the Peutingerian table has *Digubis*, all coming from the Accadian *Tiggaba*, the tradition of which was evidently preserved down to the Roman epoch. In these cases of double appellation, when we know the meaning of the Accadian name we generally find that the Assyrian appellation was an

exact translation of it For instance, the Accadian name of Babylon *Ka Dingna* and the Semitic name *Bab il* both alike meant "the gate of the god," but these two synonymous appellations were themselves preceded by a more ancient Accadian name *Tin tir*, of which there seems to have been no Semitic translation There is positively not a single town south of the Assyrian frontier sufficiently ancient to have had only a Semitic name Appellations of this kind taken from the Assyrian, as *Dur Sarkin*, *Dur Ummu banit*, *Kar ramani*, which are some of the most ancient, first begin to appear much later, in the full light of the historic ages, under dynasties of kings posterior to the great monarchs of Ur (the first princes of whom we have any record), and dynasties whose surnames attest the Semitic origin of the family Such towns owed their foundation to those kings

In a former chapter we touched upon the subject of the names of divinities borrowed from the Accadian language and mythology, which the Semitic portion of the population received into its pantheon, and which remained there up to the last days of Babylon and Assyria, for they were also common to those disciples both in religion and literature of the Chaldaeo Babylonian civilization The few fragments that we possess of the cosmogonic epic legend, describing the events of the earliest ages up to a few years after the Deluge and the destruction of the tower of Babel, suffice to show us that the names used in it are entirely Accadian, and when we say that they remain almost unaltered in the extracts of Berosus, we may be sure that under the Seleucidæ the ancient Accadian form

was preserved intact in the traditions of the sacerdotal schools, and that no Semitic substitutes were adopted¹

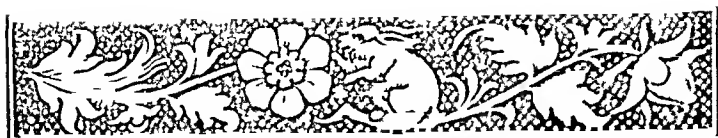
As regards the anteriority of the Turanian or Accadian element to the Semitic or Kushito-Semitic element, we have a proof that the former was in possession of a remarkable state of civilization, a sedentary and agricultural life, a steady industry, and above all an organized government, in the fact that the Assyrian vocabulary has borrowed many words from the Accadian with reference to these things, particularly names of offices which it would be impossible to explain supposing them to be of Semitic origin, while that is readily done in the Accadian². We may give as examples *tur-tanu* "Generalissimo of the armies" (Accadian *tur-dan*, "powerful chief"), *sak* "officer" (which is used in the composition of the hybrid form *rab-sak*); *dubsar* "scribe" (in the Bible טַבָּסָר), *patesi* "viceregent vicar," *aba* "magistrate of the judicial order;" *emga* a sacerdotal title which was applied to the Chaldean Magi, and which meant originally "glorious, august." I have long thought, in common with all other Assyriologists following in the wake of M. Oppert, that the ethnic dualism of the population of Chaldea and Babylonia was expressed by the nomenclature so often used in speaking of the inhabitants of those countries, *Sumervu u Akkadiv*, "the Sumirians and the Accadians," I saw in these two names the designation

¹ Those names of which we already possess the original forms are, if we compare the forms given in the extract of Berossus with the original forms = *Adi-Uru* = *Mulu-urugal* = *U-bara-tutu* = *Khasis-adra* or *Adra-khasis* (the two forms are equally used) = *Etana*. All these personages are specially classed as Chaldeans by Berossus.

² See my *Langue primitive de Chaldée*, p. 363, et seq.

of the two races, applying that of Accad to the Turanians and that of Sumir to the Semitic or Kushitic Semitic tribes. I set forth this opinion in the first French edition of this present work, but I must confess that my convictions have been shaken since then by the objections that M. Schrader has raised against seeing any distinction of race expressed in these two names. Although we may be certain that the Assyrians themselves used the term "the Accadian language" to designate the non-Semitic tongue, and although consequently we may be justified by their example in using the term Accadian as a general designation of the ethnic element which we hold to be connected with the Altaic nations, yet there is nothing to prove that the name Sumirians described another race. It is possible and even probable that M. Ménant and M. Schrader are right in thinking that the two names of Sumirians and Accadians were anterior to the introduction of the Semitic element, and originally designated rather two geographical divisions of the same people and the same race, the inhabitants of the northern and southern provinces of Chaldea and Babylonia proper. If it is so, the duality of Sumir and Accad would have no connection with the ethnic duality, which is to be seen just as much in the land of Sumir as in the country of Accad, taking these two words in the geographical sense. The Sumirians and the Accadians would both therefore have belonged to the non-Semitic race.

I shall recur hereafter in an Appendix to the difficult question of Sumir and Accad, and I shall then make use of the new documents on this subject with which science has lately been enriched.



CHAPTER XXVIII.

The Sumrian Influence in Chaldean and Babylonian Civilization

FROM the fusion of the characteristics and institutions of the two races who, though of different origin, inhabited the lower valley of the Euphrates and Tigris, arose that great civilization of Chaldea and Babylon, which made its influence felt over the whole of ancient Asia, and moulded the latter after its own pattern. The Chaldaio-Babylonian civilization was essentially of a mixed nature, resulting from the combinations of different elements, and in this lay its greatness, richness, and power; the capabilities and the instincts of two different races were united to construct it.

We cannot as yet, and perhaps we may never be able to determine precisely and minutely what is Turanian and what Kushite in a mixed creation which we have no means of studying except as a whole. However we can trace a good many things back to their original source, even in the present state of our knowledge.

Thus we know for certain that the Turanian portion of the population introduced the peculiar system

of cuneiform writing into Babylon and Chaldea The careful researches of M Oppert have settled that point beyond dispute ' The characters that compose the writing have either an ideographic or syllabic value, but more frequently they may be used both ways, according to the position in which they occur They consisted originally of a rough drawing or symbolical image, which has since undergone but little alteration, of the concrete object or abstract idea expressed or brought to mind by the syllable composing their phonetic value, not in the Assyrian tongue but in the Accadian, that is, in the language of the Turanians of Chaldea ' The idea of "god" is rendered in the Assyrian by the word *ilu*, but the character which represents ideographically this word, which character was originally in the form of a star, is pronounced *an* where it is employed as a syllabic sign, because in that language "god" was spoken of as *ana* The sign meaning "father," in the Assyrian *abu*, is phonetically *at* or *ad*, because the word "father" was *ad* (lengthened form *adda*) in the Accadian, another has the double form of the verb "to go" (in the Assyrian *alak*), and the syllable *du* "to go," pronounced *du* in the same language The value of the compound syllables is of the same origin One sign represents the syllable *tur* and the idea of "son," the Accadian word for "son" (in the Assyrian *ablu* or *maru*) being *tur*, another the syllable *gal* and the idea of "great

Rapport au ministre de l'Instruction publique Paris 1858 Expédition en Mésopotamie Vol II p 77 86 Schrader's *Ist das Akkadische der keilschriftlichen Sprache oder eine Schrift* in Vol XIX of the *Journal of the German Asiatic Society*

Oppert's *Expédition en Mésopotamie* Vol II p 63 68

¹ See Sayce *Lectures on Assyrian Philology* lecture III

(in the Assyrian *rabu*), the Accadian for "great" being *gal*, a third has the meaning of "chief, prince," and gives the compound syllable *nir* after the form of the Accadian word *nir* "prince" Even the phenomena of polyphony itself, or the existence of many phonetic expressions for the same sign, independently of the Assyrian reading corresponding to its ideographic signification, finds its explanation in the different words which note the various shades of the ideographic meaning in the Accadian For instance, one and the same sign gives the idea of "sun" (Assyrian *samsu*) and "day" (Assyrian *yumu*), but it is used phonetically to represent the simple syllable *ut*, *ud*, and the compound syllable *par*, and it also became in the Accadian *utu* "sun" and *par* (in its lengthened form *paria*) "day" Another has the double signification of "sheep" (Assyrian *simu*) and of the verb "to take" (Assyrian *sabatu*); the first of these ideas was rendered in the Accadian by the word *lu*, the second by the word *dib*, so the character has the double phonetic value of *lu* and *dib*

At the same time, facts of the most convincing nature bearing upon the pronunciation would deter any serious mind from the opinion that the cuneiform syllabary could have been invented by a Semitic people These facts show beyond a doubt that it was the work of a race speaking quite a different language, who were not capable of rendering a language of the family of Shem otherwise than very imperfectly The principal of these facts is the absence of any particular sign for the articulations *u*, *y*, *h*, *s*, characteristic of the Semitic organ, the confusion

of *m* with *v*, the want of distinction between the sibilants, *l*, *D*, *Y*, *za* and *sa* having only one sign, as *az*, *as*, *as*, or *iz*, *is*, *is*, or else again *zib*, *sib*, and *sib*, etc., the want of a different notation for *l* and *D*, or *l* and *p* as a final, the same character being *ap* and *ab*, or else *ag*, *ak*, *aq*, lastly, the absence of a different written expression for *l* and *p* before the vowel *i*, *l* and *D* before the vowel *u*, for neither *qi* nor *pu* can be written, and we must substitute for them *ki* and *bu*

We obtain some very important information concerning the progress of the syllabary by studying the primitive and elementary characters of the cuneiform writing, 180 in number, the combination of which gave rise to a great number of new signs. If we examine them with a view to discovering what the internal objects were which they originally represented, we find that the nature of the objects thus formed into graphic signs seems to indicate as the original seat of this writing a land other than Chaldea, a more northern region with a very different fauna and flora,³ where, for instance, the lion and the other great carnivora of the feline race were unknown, whilst the bear and the wolf were common animals, where neither the palm nor even the vine⁴ flourished, their place being supplied

The attempt at a distinction between *ki* and *qi*, *bu* and *pu* did not appear until quite a late period towards the end of the eighth century B.C. and its use never became general.

Smith's *The Phonetic Values of the Cuneiform Characters* p. 4 and my *Etudes accadiennes* Vol. I fasc. 1 p. 45 et seq.

³ Oppert's *Comptes rendus de la Société française de Numismatique et d'Archéologie* Vol. I p. 74.

The character which is used to designate the vine and afterwards wine is a compound sign and of the secondary format on the combination of which has been traced to the compound *ges tin* tree of life which is its Accadian rendering.

(in the Assyrian *rabu*), the Accadian for "great" being *gal*, a third has the meaning of "chief, prince," and gives the compound syllable *mr* after the form of the Accadian word *mr* "prince" Even the phenomena of polyphony itself, or the existence of many phonetic expressions for the same sign, independently of the Assyrian reading corresponding to its ideographic signification, finds its explanation in the different words which note the various shades of the ideographic meaning in the Accadian For instance, one and the same sign gives the idea of "sun" (Assyrian *samsu*) and "day" (Assyrian *yumu*), but it is used phonetically to represent the simple syllable *ut*, *ud*, and the compound syllable *par*, and it also became in the Accadian *utu* "sun" and *par* (in its lengthened form *parra*) "day" Another has the double signification of "sheep" (Assyrian *simu*) and of the verb "to take" (Assyrian *sabatu*); the first of these ideas was rendered in the Accadian by the word *lu*, the second by the word *dib*, so the character has the double phonetic value of *lu* and *dib*

At the same time, facts of the most convincing nature bearing upon the pronunciation would deter any serious mind from the opinion that the cuneiform syllabary could have been invented by a Semitic people These facts show beyond a doubt that it was the work of a race speaking quite a different language, who were not capable of rendering a language of the family of Shem otherwise than very imperfectly The principal of these facts is the absence of any particular sign for the articulations *u*, *y*, *h*, *s*, characteristic of the Semitic organ, the confusion

of *m* with *v*, the want of distinction between the sibilants, *l*, *ḏ*, *š*, *za* and *sa* having only one sign, as *az*, *as*, *as*, or *iz*, *is*, *is*, or else again *zib*, *sib*, and *šib*, etc., the want of a different notation for *ḏ* and *ḏ*, or *ḏ* and *p* as a final, the same character being *ap* and *ab*, or else *ag*, *ak*, *aq*, lastly, the absence of a different written expression for *ḏ* and *p* before the vowel *i*, *ḏ* and *ḏ* before the vowel *u*, for neither *qi* nor *pu* can be written, and we must substitute for them *ki* and *bu*

We obtain some very important information concerning the progress of the syllabary by studying the primitive and elementary characters of the cuneiform writing, 180 in number, the combination of which gave rise to a great number of new signs. If we examine them with a view to discovering what the internal objects were which they originally represented, we find that the nature of the objects thus formed into graphic signs seems to indicate as the original seat of this writing a land other than Chaldea, a more northern region with a very different fauna and flora,³ where, for instance, the lion and the other great carnivora of the feline race were unknown, whilst the bear and the wolf were common animals, where neither the palm nor even the vine⁴ flourished, their place being supplied

The attempt at a distinction between *ki* and *qi*, *bu* and *pu* did not appear until quite a late period towards the end of the eighth century B.C. and its use never became general.

Smith's *The Phonetic Values of the Cuneiform Characters* p. 4. and my *Etudes accadiennes* Vol. I fasc. 1 p. 45 et seq.

³ Oppert's *Comptes rendus de la Société française de Numismatique et d'Archéologie* Vol. 1 p. 74.

⁴ The character which is used to designate the vine and afterwards wine is a compound sign and of the secondary formation the combination of which has been traced to the compound *ges tin* tree of life which is its Accadian rendering.

to a great extent by conifers. It would be worth while to pursue these observations in a special treatise, and some day it will certainly be done. One of the most significant facts that could be brought forward is that the Accadians designate every kind of camel, that of Arabia amongst the rest, by a name that can only be etymologically explained as a description of the peculiar characteristic of the camel with two humps of Upper Asia. The important and suggestive remark of M. Oppert which we have just quoted, with illustrations of our own, would lead us to decide that even if the cuneiform writing received its final development and organization in Chaldea itself, after the Accadians had settled in the plain and round the junction of the Euphrates and Tigris, yet they must have brought the first elements of it with them from another region to which their migration was first directed.

In fact the Accadians had no ground for affirming themselves to be the first occupants of the land of Chaldea, they could not call themselves the aboriginal inhabitants, they remembered that their ancestors had come from another region of a very different character physically, and therefore, after having dwelt for centuries and centuries in the great plains, they continued to use the name of *Akkadî*, which meant "mountaineers" in their own language. The original force of Sumirians and Accadians in the Accadian was, "the people of the plain and the people of the mountain," so the ancient title of supreme royalty which we should translate "king of the Sumirians and Accadians," *unga kiengi ki akkad*,

scholars who look upon this as a chance coincidence to which no further value is to be attached. In fact, Berosus mentions the Gordyan mountains as the resting-place of the ship of Xisisthrus after the Deluge, and these mountains correspond exactly (judging from the narrative of Assurnazirpal's campaigns)¹ to the mountain Nizir, which a national tradition in the cuneiform writing preserves as the scene of the same occurrence. Therefore, the mountains which were still inhabited at the classical epoch by a people whose name resembled very closely that of the Chaldeans, proved to be the very ones from which the people of Babylon and Chaldea imagined the post-diluvian founders of humanity to have descended, and which the Accadians remembered as the home of their ancestors. The inhabitants of these same mountainous regions, who have kept the name of Kurds up to the present time, became Aryanized many centuries ago by means of successive migrations of other nations, and it would seem that this had already taken place in the time of Xenophon, but before that, and until the period of the last conquests of the Assyrian kings, the cuneiform monuments exhibit their country as occupied exclusively by Turanian tribes closely allied to the most ancient population of Media, and therefore also to the Turanians of Chaldea.² I might go further still, and trace the route of the Accadians' first migration according to their own traditions, and it would then prove to be the same as that ascribed in

¹ *W A I I*, 20, l 33, et seq

² See my *Lettres Assyriologiques*, 1st series, Vol I, p 19, et seq

the book of Genesis to the builders of the tower of Babel, who went "from the east into the land of Shinar" By these means I should reach at length that mountain of the north east, which played so large a part in the Chaldean traditions under the double title of "Cradle of the human race," and "Place of the assembly of the god" But in so doing I should be introducing matter quite foreign to the subject of this chapter, and losing myself in digressions which could not but weary the reader It suffices for me to have pointed out these peculiarities in such a manner as to prove that the Turanian part of the population who introduced the cuneiform writing into Chaldea, already possessed the first rudiments of this writing before they reached the last stage of their migration on the banks of the Euphrates and Tigris Abel Remusat has shewn in a special treatise, that the same was the case in Eastern Asia with the ancestors of the Hundred Families, who invented the fundamental elements of Chinese writing when living still in a state of singular barbarity

The earliest characters of the cuneiform writing would not lead us to conclude that the Accadians were much more advanced than the Chinese, when they began to use them as a means of expressing their thoughts But the Accadians were already at that time in possession of a complete metallurgy, whilst the ancestors of the Chinese still used weapons

See my *Commentaire des Fragments cunéiformes de Beuse* p 317 303 and my *Etudes accadiennes* Vol 1 fasc. 3 p 73 et seq

"Recherches sur l'origine et la formation de l'écriture Chinoise" in the *Mémoires de l'Académie des Inscriptions* 2nd series Vol VIII

of stone; for amongst the fundamental elements of the primitive hieroglyphism of the Accadians there is a sign for copper and another for the precious metals, as gold and silver

In consequence of the information gathered from the latest discoveries, we may, I think, place amongst the Turanian contributions to the Chaldaio-Babylonian civilization not only writing, but also magic with its attendant train of beliefs and practices. I have endeavoured elsewhere to prove that to this element was due the credit of introducing the working of metals, which was such a flourishing branch of industry in Chaldea and Babylonia from the earliest times.¹ Lastly, I hold that there are many powerful arguments to be drawn from the vocabulary and writing in support of the opinion, that the first Turanian strata of the Accadian population introduced, with its system of canals and irrigation, the agriculture which was peculiar to this country, and I hope some day to arrange these arguments in a special work on this subject

On the other hand, we are now in a position to prove that astrology and astronomy were the work of the Kushito-Semitic element of the population. It has long been observed, that the whole world owes its first information about astronomy, mathematics, and certain branches of industry,² to the nations of this family who were essentially materialistic and constructive. Whilst the Accadian always remained the magical language, even in Assyria, all the

¹ See my *Premières Civilisations*, Vol I, p 118, et seq

² Boeckh's *Metrolologische Untersuchungen*, Berlin, 1838, Bertheau's *Zur Geschichte der Israeliten*, p 99, et seq

astrological and astronomical documents were in Assyrian Sir Henry Rawlinson and Mr Norris brought out a most interesting series of these latter documents, Vol III of the *Cuneiform Inscriptions of Western Asia*, but a great number of them are still unpublished The most ancient even, like the great work in seventy tablets, in which Sargon I and his son Naram sin collected the traditions and rules for augury belonging to the astrological schools that existed before their era, were written in this language, as we plainly see, in spite of the multiplicity of ideograms and allophonic words in their archaic orthography So the language devoted to astrology is that of the Kushito-Semitic people, just as the Accadian is the magical language This fact is a very important guide to the origin of the science,

The *Namarlûlû* or Book of the Illumination of Bel —Ed

I have adhered to the original form of this paragraph as it appears in the French edition because I fully believe in its fundamental data which ascribe the origin of astrology and astronomy to the Kushito-Semitic element But I now think that some of these assertions are too positive and require explanation in a note

For instance it was going rather too far to conclude from the fact that all the fragments of astrological and astronomical books in our possession at present are in Assyrian that none were ever written in any other language and so not in the Accadian And *H A I III 55 2* ought perhaps to be considered as an astronomical table drawn up after the documents in the language of Assur compared with those in the language of Sumir and Accad The Accadian language possesses a complete scientific nomenclature for astronomy and astrology and some of the expressions are often independent as the reformation of the corresponding Assyrian expressions Again in the great work compiled by order of Sargon I and Naram Sin we find in place of Assyrian terms written phonetically ideographic expressions which might just as well have been invented by people speaking the Semitic languages as by those speaking the Accadian We are also ready to grant that even with regard to such fundamental terms as conjunction (in the Accadian *rilana* in the Assyrian *qasritu*) that are regular allophonic words that is to say Accadian words written phonetically and taken afterwards improperly as indivisible ideographic groups rendered by the corresponding Assyrian words This proves at least that the element speaking the Accadian language cultivated early and attentively the science of the stars and did not leave the monopoly of it to the doctors of the Assyrian element But I fail to see in it with Prof Sayce an absolute proof that this science was invented by the Accadians As I have already

and it will be seen to be still more important in connection with the other proofs I am about to adduce, on account of the close relation existing between astrology, and the sidereal religion which we have termed Chaldaio-Babylonian

remarked above, considering the long co-existence of the two populations, each keeping its own language, although they were consolidated into one and the same political state, I cannot think it necessary that everything written or expressed in the Accadian should necessarily be of Accadian origin

On the other hand, it seems to me impossible not to attribute to the Accadians the sexagesimal computation, which was the basis of the whole Chaldean system of mathematics. The double cycle of 60 and 600 years, exactly like the *sosses* and *neres* of Chaldea, exists amongst the Uigurs, the Mongols, and the Mantchoos, like the cycle of Hoang-ti in China from the earliest historic epochs, a cycle of 60 years mixed with others of 61 days and 60 months, which was brought into this country from the countries of the Kuen-lun like all the primitive civilization of the Hundred Families. Cycles which are born one of another, and proceed from the sexagesimal numeration, have been also introduced into India, where a Babylonian computation hardly accounts satisfactorily for their appearance, such are the cycle of 60 years attributed to Parasara, and the figures of 3600 years assigned to the period of Vîkpati, of 216,000 to that of Pradjâpati, and of 432,000 to Kali-yuga. We have nothing analogous on the part of the Semitic races or the Canaanites like the Egyptians. Freret, Ideler, Bunsen, and Lepsius, were struck, as no one can fail to be, by the connection between all the chronological computations which I have just mentioned, and their relation to the Chaldean system. But no one could explain this connection, now, however, we begin to see more clearly since we have proved the Turanian or Altaic character of the Accadians who introduced the sexagesimal numeration into Chaldea





CHAPTER XXIX

The Influence of the Kushite Mythology in Chaldean Faith

THE Kushite Semitic element appears to have predominated in both the religion and language of the people of Chaldea, particularly during the last period of the Chaldaic and Babylonian civilization

The religion of the Kushites was allied to those of Syria and Phenicia, and after having adopted some Accadian characteristics, it became the official religion of Babylon and Chaldea, the ancient Accadian magic was cast out, and obliged to occupy an inferior position as we explained above, and the Assyrian language entirely supplanted the Accadian. It is as yet impossible to determine precisely at what moment this change took place, or was finally settled, for it must have been gradual. But twelve centuries before the Christian era, the title of Accadians, which was still used to designate the inhabitants, had become little else but a name. The

ancient Turanian population, which was established there before the Kushites, coalesced with them entirely, even adopting their language, and the mixed civilization which had resulted from the amalgamation of its own customs and institutions with those of the new comers.

A little later the tribe of Kaldî appears upon the scene, they were the Chaldeans, properly so-called¹ who boasted that they, more than any other tribe, had preserved in all its purity the blood "of the most ancient amongst the Babylonians," which was considered on account of its antiquity even more noble than that of the Kushites or Cephènes. The chiefs of this tribe of Kaldî, such as Yakin and Merodach-Baladan, bore thoroughly Assyrian names, as also the monarchs of the last Babylonian empire, the dynasty of which claimed to be of thoroughly Chaldean origin in the strictest sense of the word.² The Accadian language had fallen into disuse long before; we cannot even be sure that it was still spoken under the last kings of the Cissian dynasty of Babylon, who were reigning some thirteen or fourteen centuries before the Christian era, although they had some inscriptions engraved in it, such as

¹ It is not difficult now to understand the origin of the apparent contradiction with regard to the Chaldeans, concerning the information collected by Diodorus of Sicily, and the accounts of the prophets of Israel. As a fraction of the people of Accad, the Chaldeans had the right, as Diodorus tells us, of calling themselves the most ancient of the Babylonians, while as the peculiar tribe of Kaldî ruling over all the countries as far as Babylon, Isaiah was not mistaken in terming them a new nation. On the contrary, these two assertions are both alike equally true, according to the point of view from which we regard them.

² Many years before, the king of Babylon, who belonged to the type acknowledged as Mongolic, and whose image may be seen on one of the black stones in the British Museum (see pl. 1 of my *Langue primitive de la Chaldée*), bore a Semitic-Assyrian name, Maruduk-îdin-akhe.

Burna buryas and Durri galzu¹ We may assert with truth that the Accadian became from that time what Latin was in the middle ages, a classical and sacred language. It kept this sacred character on account of the old collections of liturgical hymns and magical formulæ in the Accadian, which served as a foundation for sacerdotal teaching, and which were still sung at certain ceremonies, or recited during theurgical operations in the seventh century B C, when Assurbanipal had the Accadian books copied for his library at Nineveh¹. But there are indications that these books were only intelligible by means of the ancient Assyrian translations which accompanied them, and that even in Babylon, the priests could not write Accadian inscriptions as they had done five or six years before Assurbanipal tried to restore the study of the sacred language, which, he said, none of his predecessors had done. Therefore he had not only the Accadian books copied, but also all the documents concerning grammar and the vocabulary, which were to be found at Erech and other places. His project succeeded well enough to produce some scribes who composed a few Accadian documents¹ in

I have shown elsewhere (*Études accadiennes* Vol I fasc 1 p 79) that the use of the Accadian began to decline from the time that Sargon I King of Agadé by subjecting the whole of the country as far as the Gulf of Persia to a new dynasty proceeding from the northern provinces secured the political preponderance of the Kushito-Semitic element. From that moment the custom was established that private contracts were written in Assyrian whenever one of the contracting parties bore a Semitic name and consequently belonged to the same race as the reigning dynasty. This decline went on rapidly under the Cissian kings of whom Hammurab was the first when the capital was definitely fixed at Babylon. It must have been under these kings who occupied the throne for many centuries that the Accadian ceased to be a living and spoken language.

History of Assyria chap p 35

¹ Now that one of the documents has been published (*II 11 IV 18*) and can be more fully studied I find it difficult to all that it was really composed under

his honour, Mr. Smith pointed out this fact which never occurred again, either before or after him, from the twelfth to the sixth century B.C.

Assurbanipal It seems much more like an ancient hymn. I imagine that the copyist inserted the name of this monarch (under the Accadianized form of *Assur-lar-ilila*) in the final prayer for the king, where there must originally have been a blank, filled up according to convenience by the name of the king reigning when the hymn was to be used. I should attach more importance to the fact that an Accadian name reappears for the last king of Babylon. The title of this monarch means, "Nebo is majestic, glorious," we have two forms of it, one purely Assyrian, *Nabu-nadu*, the other Accadian, *Nabu-nitug*. Now the second is not an allophonism for *Nabu-nadu*, for although in the Canon of Ptolemy Alexander Polyhistor this king is called according to Berosus *Ναβοναδιος* or *Ναβονιτηδος* = *Nabu-nadu*. Abydene called him *Ναβονιδαρος*, *Nabu-nitug*, therefore this king elected by the Chaldeans from their very midst (Bérose, fragment 14, ed C Muller, Abydene, fragment 8, ed C Muller), who calls himself in his own inscriptions "chief magus," *nulu emga* (*H A I 1*, 68, 2, 3, 4), the *נִרְמִי* of the Bible (Jer *נִרְמִי*, 3) bore simultaneously two synonymous names, the one Assyrian *Nabu-nadu*, the other Accadian *Nabu-nitug*, and used them indifferently in his official inscriptions, some of the Greek historians of Babylon adopted the first form in writing of him, others the second. This indicated a kind of renaissance of the Accadian as the sacred and classical languages of the time of the last Babylonish empire. It also proves that the Accadian is indeed the "language of the Chaldees" in the sacerdotal sense of the name, which the book of Daniel describes as one of the principal paths of study marked out for young people destined to a learned career.





CHAPTER XXX

The Turanians in Chaldea and ancient Asia

I HAVE briefly but completely explained the light that a study of the original texts, and particularly the fragments of the Accadian books, has thrown upon the difficult problem of the true origin of the Chaldaic Babylonian nation. Regarded in this way, which, with clearly defined limits, seems to me the correct one, the position of the Turanian nation of the Accadians may perhaps be more easily understood by scholars in whose minds the fact still awakens a sort of defiance.

"No one in the present day," said M. Renan quite lately in one of his remarkable annual reports to the Asiatic Society of Paris, "can doubt that this (Turanian) civilization possessed and most probably created the writing called cuneiform. If we take the word Turanian as a synonym of what is neither Semitic nor Aryan, then the expression is exact, but we see no great advantage in it. A classification of animals as fishes, mammals, and what is neither fish nor

mammal would not be of much use to science. But we acknowledge that it does astonish us to find the word Turanian taken in its strict sense, and to see that ancient substruction of the learned civilization of Babylon assigned to the Turkish, Finnish, and Hungarian races; in one word, to races which have never done anything but pull down, and have never created a civilization of their own.

"The truth may not always seem very probable, and if any one can prove to us that the Turks, Finns, and Hungarians founded the most powerful and intelligent of the ante-Semitic and ante-Aryan civilizations, we will believe it; every consideration *a priori* ought to be made subordinate to proofs *a posteriori*. But the force of the proofs must be in proportion to the improbability of the result."

M. Renan will allow us to endeavour to dissipate his doubts with all the deference due to his vast store of knowledge and his great renown, I am the more eager about this because I think the facts mentioned in the preceding pages partly answer his principal objections.

In the first place, I think he is rather severe upon the Turanian race, he seems to associate it only with the savage devastations of the Ghingis Khan and of Timur, and his judgment concerning the office of this vast family of nations ought to be challenged. The race which has furnished Christian Europe with one of its greatest, most intelligent, most chivalrous, and most eloquent nations, the Hungarians, which has produced, moreover, amongst the Finns at the northern extremity of the European continent an

epic monument of such great worth as the *Kalevala*, which possessed a real civilization before the arrival of the Scandinavians amongst these same Finns, whose aptitude for appropriating all the resources of modern culture to a much greater degree than the Russians themselves has been only lately pointed out by a traveller interested in political economy, such a race cannot certainly be described with justice as "only able to pull down." And although the Turks are less supple, less sharp, more solid and heavier than the Hungarians or the Finns, their part in the history of Islamism is by no means exclusively that of the destroyer, they have their great men and their glorious pages, and above all, they display remarkable qualifications for government, which have always been wanting to the Arabs.

It is quite true that the Turanian nations which hold the most important place in history, the Hungarians and the Turks, first appear at the time when they were just becoming subject to a civilization foreign to their race, having adopted, with the new religion of which they made themselves the champions, ^{at} first of Christianity, then secondly of Mohammedanism, the whole inheritance of the culture which grew up elsewhere under the auspices of this religion. It is true they do not appear in history possessing a civilization of their own, but do they stand alone in this point? The facility with which the Hungarians adopted the Christian culture of the West,

Cf the various papers on the Westward drift of Nomads by H. Hoernle in the *Transactions of the Anthropological Institute of Great Britain* Vol. 1., Part 7 p. 26 and of the *Ethnological Society of London* and his *History of the Mongols* lately published - F!

and the Turks an Arab civilization with the Mussulman faith, would lead us to think that they were not amongst the most enlightened of the Turanian nations, or at least that their ancient national culture was very inferior to that for which they exchanged it. But this is no decisive proof that there was not amongst other nations of the same stock a very ancient Turanian civilization also with its own physiognomy and exclusive characteristics, resulting from the development of certain peculiar instincts which are found, at least in a low degree, amongst the most unenlightened Ugro-Finnic tribes of Siberia.

At this point, however, I must define the exact limits of the facts relating to the Accadians, for I think that scholars of the English school, and Prof Sayce amongst others,¹ have gone rather too far in considering them as the originators of all Semitic civilization, and I myself in former treatises, without going as far as that, have rather transgressed the bounds of probability in espousing this belief. I think there are decisive proofs that the first civilized occupants of the soil of Babylonia and Chaldea, before the Kushites of Nimrod, were a people of Turanian race, more closely connected with the Ugro-Finns than with the Tartars. Even before this people had reached the banks of the Tigris and Euphrates, in the first stage of their migration, they had invented the first rough rudiments of a hieroglyphic system, which as it became further developed produced the cuneiform writing, they were then acquainted with the working of

¹ "The Origin of Semitic Civilization," *Trans Soc Bib Arch*, Vol I

metals, and the processes of certain necessary branches of industry. In the fertile plains where they settled, they engaged in sedentary and agricultural pursuits, they built towns, cultivated the soil, planned irrigation, and practised all the trades demanded by such a mode of life. Thus they had a regular civilization, peculiar to themselves, which had grown up spontaneously in their midst before any Kushite, Semitic, or Aryan influence had made itself felt among them. But of course this civilization was very imperfect, so far at least as we can judge by the poverty of its fundamental vocabulary, and the number of fictitious compounds which the Accadians were obliged to adopt in order to adapt the language which they were still speaking to the requirements of a more advanced culture. There is nothing to prove that the civilization of the Accadians of Chaldea was more learned and perfect except in the possession of their writing (and the example of the Chinese shows that this art may sometimes be cultivated by races who are still plunged in complete barbarity), than that of the Pagan Finns, as pictured to us in the Kalevala, and who are in that epic shown to bear so close a resemblance to the Accadians from a religious point of view. As a rule I think that the primitive Turanian civilization, vestiges of which might still be found in other countries, was essentially incomplete, developed only in certain directions, while in others it remained quite in a rudimentary state, and that if it was one of the first to exist, it was settled and arranged early, just as the Turanian languages became crystallized at the

earliest stage in the formation of a language. It was civilization, and civilization in quite an advanced stage as compared with the state of barbarity in which most of the other races were still plunged when it arose, but it became in its turn a comparative barbarism by the side of the more perfect civilization which sprang up afterwards amongst other races, the Kushites for instance, who superseded the Turanians in Babylonia and Chaldea, and whose influence had already penetrated as far as to affect that portion of the Accadians who still kept up a national life, and continued to use their old language, in the time of the builder kings of Ur, the Lîkbabî, and the Dungi.

¹ This opinion of mine is not so different as may appear at first sight from that expressed by M. Schrader in his works which are so justly renowned throughout scientific Europe, and particularly in his excellent paper in the *Zeitschrift für Theologie* for the year 1875, entitled "Semitismus und Babylonismus." I agree with him cordially in his view that Babylonism, as he calls it, differs radically from a pure and original Semitism as represented by the Arabs, further, that the influence of the most ancient Babylonish civilization which held sway over the Semitic tribes of the north, was the result of constant communication before the establishment of their nations in their definite regions, and which introduced amongst them all the ideas, institutions, religious, social and scientific traditions foreign to Arabia, which they had in common with Babylon.

The point on which we differ is that he considers the old Babylonish civilization as a homogeneous whole, referring it entirely to the first element of the population who spoke the non-Semitic language, whilst I have made a bolder attempt to penetrate the darkness of the prehistoric past connected with the countries watered by the Euphrates and the Tigris.

Instead of attributing this civilization to a single race, I see in it a mixed product of the contributions of two nations of different origin, and I am trying, with a certain degree of success, to analyse it and discover what belongs to its two factors. M. Schrader seems to me rather too absorbed in the presence of the Semitic race in Babylonia, and consequently considers everything which does not belong to pure Semitism to be quite unconnected with it. I think, on the contrary, that the population who spoke the Semitic language in Babylonia and Chaldea was not composed of the Semitic race properly so-called, but of Kushites or people belonging to a neighbouring ethnic family endowed with peculiar characteristics, somewhat resembling those of the Egyptians. So I think the comparison with original and pure Semitism is not enough for the solution of the problem of the origin of the Chaldaeo-Babylonian nation. We must also compare it with the ethnology of Egypt under the primitive dynasties, and with as much as we can discover of the genius and institutions of the Kushites in other countries, in Yemen for instance, before attributing to the Accadian Turanians everything which was not thoroughly Semitic in the civilization of Babylon.

It must be evident that I by no means attribute to the primitive Turanians of Chaldea all the foundation of the learned civilization of Babylon. I only see in them one of its factors, and that not even the principal one. The first to establish themselves round the lower course of the Tigris and Euphrates, they bequeathed to posterior times some of the stones which served to erect the Chaldaeo-Babylonian civilization, their agricultural and industrial processes, the rites and formulæ of their magic, and above all, their writing, falsely assigned to the Semitic Assyrian nation, yet really preserved through many centuries by force of tradition and custom. But in this great and learned civilization the most noble part came from the Kushito-Semitic element, which spoke the Assyrian tongue, for that element furnished some of the science and the religion of the country, and finally established its language entirely, substituting it for the Accadian even amongst the Chaldeans properly so called, the descendants of those Accadians whose blood remained the purest. Babylon in particular became very early an almost entirely Kushite town. This was the reason why she was able to exercise so great and decisive an influence over the Canaanitish and Semitic nations and their connection in race and language favoured this influence, so that the Babylonian civilization was partly, with a little help from other sources, a more complete, more learned, and more highly wrought development of characteristic instincts peculiar to the nations over whom it ruled both by precept and by example.



CHAPTER XXXI

The Archaic Legislation of the Accadians

THE existence of a Turanian nation in the strictest sense of the word, or if any one prefers it, an Altaic nation in Babylonia and Chaldea, is as we have seen an established fact, this nation preceded the Kushito-Semitic tribes, and was possessed of quite a remarkable degree of civilization analogous to the culture of the populations who are incontestably Turanian. Though M. Renan demands a number of forcible proofs before he will believe this fact, still I consider that such a collection of proofs henceforth exists, and in the present work I have been trying to add to their number. The learned Academician whom I have thus been endeavouring to convince, said himself, and rightly, "From the point of view of the historical sciences five things are essential to a race, to give us a right to speak of it as an individuality amongst the human species a Language of its own, a Literature imprinted with a peculiar physiognomy, a Religion, a History, and a Legislation"¹

¹ *Revue des Deux-Mondes*, 1^{er} Septembre, 1873, p. 140

A good many of these conditions we now know to be fulfilled amongst the Accadians, thus connecting them with the Turanian stock, and the Ugro Finnic nations in particular

First there is a Language to which we have just devoted a special chapter, an epitome of more extensive philological studies. We have already pointed out the organic and indisputable characters, which ought, in our opinion, to determine its linguistic classification

As to a Literature, we can certainly find one amongst the Accadians, a literature of a very original stamp, and inspired by a breath of true poetry, in the existing fragments of the liturgical collection, the incantations and hymns of the great magical collection. At the other extremity of the Accadian nations' domain, the Finns likewise possess a brilliant and poetical literature. A literary comparison of the genius which inspired the Kalevala and that which dictated the religious and magical Accadian lyrics would be an interesting study, we should see that the common instincts of race may exist in the poetry of two nations so widely separated both by time and space, to say nothing of the difference of colour which was the necessary result of two such opposite aspects of nature as are furnished by the shores of the Persian Gulf and the northern forests of Finland

As concerning a Religion, that is the subject to

It is very probable as M. Schader's judicious and suggestive remark would imply that the example and influence of the Accadians was the means of introducing amongst some of the Semitic tribes the *parallelismus membrorum* which became the foundation of Hebrew poetry though it was quite unknown to the Akkadians

which we have applied ourselves in this volume by the help of documents now for the first time brought to light, the study of which has led us as a corollary to the examination of the ethnographic question of the Accadian nation. By revealing to us a primitive religious system, which was really indigenous to the Accadian nation before they adopted and propagated the worship of the gods common to all the religions of the Euphratico-Syrian group, the magical books have opened up a new and unexpected perspective on one of the most important points. We have compared the data of the system of these books to the ante-Iranian part of Median Magism and the Finnish mythology, and so have been able to prove the existence of an independent family of religions which must be called Turanian, religions having no other worship but magic, and proceeding from the old fund of demonological naturalism which has remained in so coarse and rudimentary a state amongst the tribes of Siberia, those Turanian hordes who still exist under the primordial conditions of the race, for the circumstances which have clogged their progress from the beginning have never allowed them to attain to a true state of civilization. Here then are three of the conditions essential to the existence and individuality of a race, fulfilled in such a manner as clearly to connect the Accadians with the typical Turanian nations, the Finns for instance, in spite of the immense hiatus of time and space which occurs between them. The primitive history of the different Turanian groups, their dispersion and first attempts at civilization, can certainly never be fully dis-

covered, we must be content with proving satisfactorily the linguistic, ethnographic, and religious affinities which show their common origin

The most we can do for the Accadians especially is to trace by induction, in the absence of contemporary records, by the help of their own traditions, the principal and most important features of their early history, from the time when they established themselves in Chaldea up to the period when they began those inscriptions which have been handed down to us, we must then proceed to unravel the course of their pre historic migration as far as to that mountain of the north east which was their point of departure

It remains for us then now to consider the question of legislation or the social constitution Here again the requisite documents are wanting or at least insufficient, but we may hope that future discoveries may fill up this gap At present we possess only a very small fragment of the ancient Accadian laws, which, it appears, had been reduced to writing and translated into Assyrian at the same time as the religious books This fragment treats of the relations and duties of domestic life It concludes with a curious note, "Placed opposite to the Assyrian, written and engraved like the ancient originals" Here is the translation

If A I II 10 It is more complete in my *Chard Texts en forme* No 15 some corrections in Fr edrich Delitzsch's *Assyrische Lesarten* p 37 et seq Translations, differing a little from mine in the minor details but agreeing with it in the really important facts have been brought out by M Oppert (*Journal Asiatique* 7th series Vol I p 37 et seq) and by Prof Sayce (*Records of the Past* Vol III p 23 et seq) I now correct on a few points the error on which I made in the first French edition of this work

In future, in any case ¹

1st sentence

A son to his father ,
 Thou art not my father,
 (if) he has said to him,
 and (if) he has made a mark with his nail to confirm it,²
 he will make honourable amends to him³
 and he will pay a fine

2nd sentence

A son to his mother .
 (if) he has said to her, Thou art not my mother
 his hair and his nails⁴ shall be cut off,
 in the town he shall be banished from land and water,⁵
 and he shall be driven from the house

3rd sentence

A father to his son
 Thou art not my son,
 (if) he has said to him,
 from his house and home
 he shall be banished⁶

4th sentence

A mother to her son
 Thou art not my son,
 (if) she has said to him,
 she shall be chased from the house and the place

5th sentence.

A wife to her husband
 (if) she has wronged him
 Thou art no (longer) my husband,

¹ Assyrian version "In any case, in future"

² That is to say if he has agreed to it in proper form by a deed, in which case the mark of his nail serves as a signature

³ Assyrian "he will acknowledge his paternity"

⁴ Assyrian "his hair" only

⁵ Assyrian "in the town they banish him" (literally, they confine him)

⁶ It is most likely that here, as well as in the following sentence, the disowned child is the one driven from the house

(if) she has said to him
she shall be thrown into the river

6th sentence

A husband to his wife
Thou art no (longer) my wife
(if) he has said to her
he shall be made to pay half a mina of silver

7th sentence

The ruler
(if) the slave
he kills mutilates
ruins him by wounding him
(if) the latter flees from the property
or falls ill
his hand every day
half a measure of corn
shall weigh out (as compensation) ¹

The document which we have just translated forms a short but complete whole. On the same tablet, which was one of the last of a collection of bilingual documents of various kinds collated with a view to philological analysis, there was formerly another series of legal sentences, but owing to their mutilated state and the obscurity of the expression some of them cannot be translated. Two extracts will suffice to show the patriarchal constitution of society and a state of things in which property could be acquired by occupation, as a great part of it was uninhabited and consequently *res nullius*.

Literally the chief but we cannot take it in the sense of proprietor as Prof Sayce does. It refers on the contrary to the fact that the country manager is answerable to him for any harm done to the slaves committed to his care.

By his own fault

¹ Cf. the Mosaic law Ex. xx. 7 to xxi. 20. 1—Ed

- 2 A married man may always settle an estate on his child,
without making him live there
- 10 Of all that she has had enclosed,
the married woman shall be the owner

Other sentences treat of the erection and ownership of places of worship

- 2 In future a sanctuary on a private estate may be very
lofty
- 3 Of the sanctuary situated in his own high place the
individual shall have possession
- 6 The distinct property of the sanctuary the son shall
inherit

Another expresses in a few words the precept of filial respect, to which a penal sanction was given as we saw just now

- 7 Thou shalt not disown thy father or thy mother

Finally there is one which determines the validity of marriage by its consummation

- 8 (An individual) has taken a wife¹
and has not come near her²
he may change³

All these legal arrangements bear the mark of their extreme antiquity and of the incomplete social state to which they were adapted. But while they exhibit a respect for woman not often found in a like condition of semi-barbarity, yet she was certainly not regarded as the equal of her husband, he could easily get rid of her by giving her pecuniary

¹ Literally, "elected her, declared her"

² Literally, *subigendo eam non compressit*

³ The right of rejection after the completion of the marriage is not the thing here referred to. The terms employed seem to imply that a legal union could be contracted only with one woman

compensation, whilst the woman could not claim a divorce under pain of death. In the same way several passages of the magic books show that the master had the right to take advantage of all his female slaves, and they seem to consider it the greatest misfortune for a slave not to have attracted the attention of her master, just as much so as for a free woman of rank to have found no husband. But the free Accadian woman was not the creature of her spouse, she had her own rights and her own fortune. Even under the control of a husband she could possess personal property and take the necessary steps to acquire it. If she disowned the child attributed to her, she was only in the same position as the husband by the disavowal of his paternity. But the most striking point was the importance attached to the mother in her relations with her children, which was superior even to that of the father.

In the fragments of the Accadian law, the son who denied his father was sentenced to a simple fine, but he who denied his mother was to be banished both from land and sea. Amongst the ancient Finns, before their conversion to Christianity, the mother of a family took precedence of the father in the rites of domestic worship. This is a remarkable point of contact in such a short fragment, and that with reference to a subject itself characteristic enough to be regarded as an individual peculiarity of race in the constitution of the family. This peculiarity of the old Accadian law is so much the more worthy of attention, not only because we find nothing similar in the Semitic world, but because it is directly

opposed to the spirit of some posterior Babylonish institutions as revolting to morality as they were degrading to womankind, yet consecrated by religion, and as far as I can see of Kushite origin I refer to the sacred prostitution which was imposed once at least in a lifetime upon all women, even those who were free, and the marriage of young girls under the form of a public auction, thus rendering it an act of *mancipatio*, which made the wife the property of her husband¹

Have we not discovered in the affinities now established amongst the Accadians and the Altaic tribes whose nationality is incontestable, sufficient proofs to allow us to pass from what seemed at first "improbable" in the fact of a Turanian nation's having been the primary occupant of Chaldea, and the inventor of a system of writing according with the genius of its language, to the great Chaldaic-Babylonian civilization?²

¹ It is well known that positive monumental information has been found to confirm the writings of Herodotus, on the annual auction of young girls at Babylon, see my *Premieres Civilisations*, Vol II, p 229

² The reader who desires to follow up this subject cannot do better than read Herbert Spencer's *magnum opus*, *Descriptive Sociology*, Vol V, "The Asiatic Nations," Lubbock's *Origin of Civilization*, and Tylor's *Researches into the Early History of Mankind*. The collection of facts and the collocation of the deductions to be derived from them may be considered as imparting almost a prophetic sense to the student of Archaic history.—Ed





APPENDIX

Sumir and Accad

IT is a matter of great regret to me to find that I differ from my learned master and friend M. Oppert on the subject of these two names, but the reasons on which he bases his opinion do not commend themselves to my judgment at all. It is, however, a question of secondary importance, and I only return to it now because it cannot be ignored in such a work as the present, in addition to which I wish to correct what I have already said with respect to this subject on former occasions. I will not now speak with polemical exactitude, but I want briefly to sum up the data which have been proved indisputably, many of them founded on new documents recently brought to light to settle debates. I dare say that this exposition will not as yet lead my readers to form a decided opinion, there are many sides of the question about which we are still in ignorance. But if I am not mistaken, the most

probable conclusion will be, that neither M Oppert nor myself were absolutely correct in our discussion upon the names Sumir and Accad. I am now convinced that we digressed into subjects not cognate to our subject, and started from a point which was not then sufficiently proved, viz., the difference of race between Sumir and Accad. In proportion as our studies advance, and light begins to dawn upon the fundamental data of the question, it becomes, on the other hand, more probable that the two primitive nations designated by this name were of the same race, and that the distinction between them was entirely geographical. If that be the case, it matters little whether we call the ante-Semitic or Turanian language of Chaldea, Sumirian or Accadian, there is consistency in both names, they are equally correct and equally incomplete, the only grounds we have for giving a preference to the latter, are that this latter is generally used in science, and since it is not inexact, there is nothing to be gained by changing it, and further also it is consecrated by the usage of the Assyrians themselves.

I The first point, which seems to me established beyond a doubt, is that the Assyrians themselves used the two terms Assur and Accad in opposition to each other, to express the linguistic dualism of the Semitic and Turanian idioms. We know that this clause appears at the end of a lexicographical tablet, in which the words of the two languages stand opposite to each other *ki pî duppi u lamadi labiruti* GABRI Assur u Akkad. Of this phrase "con-

formably with the tablets and ancient teaching of Assur and Accad," is evidently the meaning. The word *GABRI* is the only one doubtful. M. Oppert, whom I followed up to a certain point in this matter, considers it to be the plural of the Semitic *gabru* (גבר), and translates *gabru Assur u Akkad* "the masters of Assur and Accad." Even starting from this translation and accepting it as correct, the inference to be drawn from the passage is yet clear and incontestable. It does not prove, as the learned Professor supposes, an assimilation between the grammarians of Assur and Accad, but on the contrary, a fixed opposition corresponding with the opposition between the two languages facing each other in the document which finishes with this clause. Furthermore, I believe the translation to be incorrect. M. Schrader first pointed out, and M. Friedrich Delitzsch has since finally proved beyond all doubt, that *GABRI* is not a Semitic word written phonetically, but an allophonic word which must be written in the Assyrian as *mahuru* (plural *mahuruti*, in the passage we have quoted). The Accadian *gabru* is originally a compound verb, the original and etymological meaning of which is "to rise in opposition." Hence it is naturally the equivalent of the Assyrian verbs *mahar* and *sanan*, expressing ideas of opposition, rivalry, and comparison. The participle *gabria*, and by contraction simply *gabru*, means then substantively "rival," and adjectively in another acceptation "compared, assimilated." This confirms

the astronomical signification of the Accadian *gabri*. In such documents as these, it designates the star which rises on the horizon opposite to the spectator. Passing into the Assyrian, the word gave rise to *gabraturv*, "the apparition of the star upon the horizon." Thus in *W. A. I.*, Vol III, 63 verso, l. 33, after a list of the phases of the planet Venus during the twelve months of the year, divided into as many sections as there are months, comes *sanésrit kîsruta gabraturv sa AN-NIN-ŠI-AN-NA GAB-RI Babilî*, "twelve⁷ sections, apparition of the planet Venus on the Babylonian horizon." In the same way in *W. A. I.*, Vol III, 64 verso, l. 32. After another astronomical table, we read *kî pî IZ-LI-HU-SI-UM GAB-RI Babilî*, "conformably with the manuscripts of the apparitions on the Babylonian horizon."

This meaning of *GABRI*, *mahrû*, once fairly established, so that we may no longer confuse it with the Semitic *gabri*, it remains that the only correct translation of *duppi labiruti mahruti* is M Schrader's, "the ancient tablets arranged in parallel columns," corresponding exactly with the order of the document at the end of which such a statement occurs.¹ There is yet another thing to be added which completes the proof: the bilingual legal tablet of *W. A. I.*, Vol II, 10, has at the end these simple words *GAB-RI Assur*. If we translate with M

¹ M Fried Delitzsch has answered the objection which might be made to the difference of order in the designation of a lexicon as "Assyrian-Accadian," and the arrangement of the columns where the Accadian comes before the Assyrian. Although the Accadian is in the first column, the lexicographical tablets are none the less the remains of an "Assyrian-Accadian" dictionary, since the arrangement is determined by the affinity of sound between the Assyrian and not the Accadian words.

Oppert, "the masters of Assyria," what could this strange note mean? It would have no sense at all. But let us read it more correctly as "opposite to the Assyrian," then everything is clear and natural, for we must mention that this tablet is one of that small number of tablets which are distinguished by having the Assyrian translation of the primitive Accadian text in a column opposite, instead of following the interlinear arrangement much more common in documents of this kind.

According to the old rendering the most that we could do would be to translate *duppi mahuruti* by "tablets compared to each other," instead of "tablets in parallel columns." This meaning seems to me the correct one in the final formula of *W A I*, Vol III, 55, 2 *ki pi duppi u IZ LI-HU SI laburuti GAB RI (mahuruti) Assur Sumer u Akkad*. Here it is not only Accad, but Sumir and Accad which constitute the opposition to Assur. But this opposition seems to me to be entirely geographical, and designating Babylonia in relation to Assyria, I do not think we have any ground for concluding with M. Schrader that the Assyrians used indifferently "language of Sumir and Accad," or simply "language of Accad," to describe the old non-Semitic idiom. Indeed, the document in which this last formula occurs is not bilingual, but written exclusively in Assyrian. It is an astronomical table which may have been compiled from a comparison of Assyrian and Accadian documents, but the evidence of this is

not strong enough to warrant our determining its linguistic value by the final clause

To return to the lexicographical tablet Whether we translate it "conformably with the ancient tablets and documents of instruction of Assur and Accad compared together," or "conformably with the ancient tablets and documents of instruction of Assur and Accad in parallel columns," the conclusion must be the same as that to which M Oppert's translation would lead us: the final formula refers to a geographical opposition, which cannot correspond to the linguistic opposition exhibited in the document. Either it is a question of parallel columns of Assyrian and Accadian, or else a comparison of the Assyrian and Accadian documents was necessary in order to compile a lexicon of the two languages. In either case the Assyrians used the term Accadian to signify the dialect which was not Assyrian. Therefore we follow their example in naming this dialect Accadian.

II There now remains another question, viz., Is the duality of Sumir and Accad ethnic or merely geographical?

I am quite convinced that these two names were understood in a geographical sense as the north and south of Babylonia. The geographical character of the name *Akkad* is particularly certain: it had a double sense, one wide, the other limited.

In the commonest acceptation, Accad was the general designation of the whole, and it consisted of Babylonia and Chaldea, in fact all the southern provinces watered by the Euphrates and Tigris

from the frontier of Assyria to the Persian Gulf. When Accad had this meaning, the name of Assur was opposed to it as the second term of the parallelism,¹ and it was the opposition between Babylonia and Assyria both understood in that wide sense.

But in a stricter sense the term Accad is confined, as in the case of Sumir and Accad, to a fixed portion of this vast geographical whole. When Assurbanipal speaks "of the spoil of the country of the Sumirs, of the country of the Accadians and of Gan Dunyas,"² it is evident he uses the two first expressions as names of provinces, since the third, *Gan Dunyas*, as numerous examples bear witness, is a designation for the particular district of Babylon, called since the time of the Cissian dynasty the city of Kar Dunyas. The book of Genesis³ restricts the sense of Accad still more, for it seemed to make it the name of a town, of which acceptance there is no sign in the magic texts.

We have now to examine into the position of Accad in the sense of a particular province. It is defined very exactly in the prism of Sennacherib,⁴ which describes the march of Elamite troops who had left their country to help the Babylonian insurgent Suzub. "They took" it says, "the road to Accad and came in the direction of Babylon as far as Suzub, the Chaldean king of Babylon," *uruk Akkad isbatunurra ana Babili tebnu adi Suzubi Kaldun sar Babili*. The

See amongst others the prism of Esarhaddon col. 4 l. 45.

Smith's *History of Assyria* p. 55.

³ Gen. x. 10.

⁴ Col. 5 l. 39, 41.

province of Accad was, therefore, situated on the route of an army coming from Elam to Babylon, to the south of this town and Babylonia, so it must have been the same as Chaldea, the lower part of Mesopotamia. This is the conclusion to be drawn from the passages of the tablet referring to the ancient political relations between Assyria and Babylonia; in this tablet to which English scholars have given the name *Synchronous History*, the Persian Gulf is called "the sea which is above Accad," *marrati sa elis Akkad*,¹ and we read further,² that whilst a prince sat on the throne of Kar-Dunyas (Babylon), his rebellious brother fortified himself in the country of Accad. I think we may safely affirm that this geographical name, taken in the strictest sense, when it designates not the whole of Babylonia but one province in particular, is synonymous with *Kaldu*, which did not appear till much later, towards the ninth century before our era,³ and then gradually supplanted the old term in proportion as the tribe of Kaldu, which was at first very insignificant, increased in the region to which it finally gave its name, to the exclusion of any other designation. And at the time when this triumph was consummated, when the Sargons were governing Assyria, we find mention still made of Sumir and Accad as a relic of bygone times, the same geographical duality was expressed in a new way more

¹ *Trans Soc Bib Arch*, Vol II, p 130, l 17, and *Records of the Past*, Vol III, p 25

² *Ibid*, p 137, l 20, 21

³ As I have already remarked above, the country of Chaldea is designated as part of the country of Accadia, in the inscriptions of Shalmaneser III, on the obelisk of Samsi-Bin the two names seem to be identified

suiting to a later state of things, by the parallelism and opposition of the two names Babil and Kaldu, Babylonia and Chaldea. In fact directly we take Accad geographically, and in the limited sense as defining the south of Chaldea, we must regard Sumir as representing the other division, the north. This refers us to an essential fact of the problem which I have already reiterated several times, and which M. Oppert combats in vain, namely the identity of Sumir with the Shinar of the Bible. שִׁנְעַר is certainly not a Semitic name, and it is impossible to find a satisfactory etymology for it in that family of languages. It is the Hebrew rendering of an Accadian name and the ν certainly replaces a g of the primitive form, as it appears in the appellation *Lagamar*, transcribed לַעֲמַר. This granted there is exactly the same difference between שִׁנְעַר and Sumir, as between the parallel forms *dingir* and *dimer* for the word "god," and *Gingir* and *Gimur* for a surname of the goddess Ishtar, they are

See Finzi *Ricerche per lo studio dell'antichità assira* i 164

Mr Smith tried a little while ago to propagate an entirely different opinion making Sumir the south and Accad the north of Babylonia, on the ground of an assimilation between the city south of Babylon itself whose name every Assyriologist had read as Agane up to that time and the city of Accad spoken of in Genesis. The last sign in the orthography of the name Agane can indeed in its polyphony represent a dental but it is always a t (in the Accadian a dh) and never a d . In that case e should have *Agate* that is to say אֶגֶטֶס or אֶגֶטֶס which could only be assimilated to Akkad אֶדָּ by a fantastic change of articulation of which neither the Accad nor the Assyrian allow. I therefore repudiate explicitly as Prof Sayce has already done the identification thus suggested by the incoherent English Assyriologist.

I also object to his reading a dental in the last syllable. Indeed the reading Agane which has the advantage of taking the sign there used in its original and most common acceptation seems to me fully justified by its agreement with the Ἀγάμ of Ptolemy (V 18 7) which I also see in the אֶגֶמָא of the Talmud of Babylon (*Bala meci* 86a *Bala lothra* i 9a). This Agma or Agama is given as the neighbouring town to Pom Beditha (Neubauer *Géographie du Talmud* p 368) which sits it to the north of Babylon situated on the Luptates like the Agamna of the Greek geographer and this position corresponds exactly with the description of Agane in the Cuneiform documents.

two forms of the same name, exhibiting a change (that of *ng* into *m*) peculiar to the Accadian, the existence of which in this language is incontestable.¹ And the tradition of this fact was preserved amongst the Syrians, since we still read in Abu-l-Faradj,² "Shinaar which is Samarra" In the eleventh chapter of Genesis, Shinear, or Shinar, is used to designate expressly the plains around Babylon. It is used in the like manner also in the books of Isaiah³ and Jeremiah,⁴ where it certainly occurs as an obsolete name, but it is interesting to notice the meaning which Jewish tradition attached to it in their time. Both of these prophets applied the appellation of Shinar to Babylonia proper, and the Synagogue interpreted it in the same way, for in the Septuagint it is translated Βαβυλωνία and γῆ Βαβυλῶνος, the same interpretation occurs in the work of the Targumim. There is therefore, an identity of geographical position as well as a close philological relationship between *Sumir* and *Shinar*, which confirms our proposed identification still more. In Genesis x 10, we must necessarily understand "in the land of Shinar," as applying exclusively to Calneh,⁵ rightly assimilated in the Talmud to the town of Nipur, which really belonged to Babylonia and not to Chaldea. By placing "Accad and Calneh in the

¹ If this assimilation were not admitted, the Biblical שַׁנְעַר would have no equivalent in the idigenous Babylonian and Assyrian documents, which would at least be strange

² *Histor. dynast.*, p 18, ed Pococke. The same Abul-l-Faradj a few lines further on mentions a fabulous tradition, which is of real interest, in that it is the only trace left by the ancient people of the *Sumeri* in oriental recitals. It is the legend of Samirus, "with three eyes and two horns," the first king of Babylon after Nimrod, who invented weights and measures and the art of silk-weaving

³ Isa xi 11

⁴ Jer v 11

⁵ *Yoma*, 10 a

land of Shinar" side by side, the Biblical passage represents the opposition of Accad and Sumir in the historical texts, and that very faithfully. The argument is so perfect that we may well question whether Accad was really always the name of a town in this place, as in the text which we now possess, whether the latter is not incomplete, and whether some words did not get lost when the tradition of this ancient geography began to fade. For my part I am inclined to think so, and would willingly suppose that the primitive text ran something like this

'The beginning of his empire was Babel Erech Ur in the country of Accad and Calneh in the land of Shinar

Sumir is therefore the same thing as Shinar, the plain of Babylonia proper, whilst Accad in its limited sense is a more southern province, viz., Chaldea. But we must not go beyond this data. The fact which I admitted in common with M. Oppert, but from which I drew an opposite inference to his, that Sumir must have been the primitive name of Assyria was erroneous. It rested on an incorrect reading, which has since been rectified both by Mr. Smith and Friedrich Delitzsch. It is now plainly demonstrated that in the passage of the lexicographical

Perhaps also *Surippak*. I have shown elsewhere the striking coincidence between the Biblical tetrapolis of Nimrod and the tetrapolis of Izdubar o. Dh. bar in the Babylonian Epopee. The latter was composed of Bablu, Uruk, Surippak and Nip. Surippak corresponds with Accad in the book of Genesis. However I refer the restitution of אַכַּד [אַכַּד] (otherwise that the town of Ur is called Accad) if anyone is unwilling to admit that the text is imperfect) on account of the passage in *H. A. I. III. 70. l. 154*. $\gamma =$ (ide ξ of Accad) = *Akkadu* and the passage finishes by referring the name of Accad to the south the province of which Ur was the capital.

tablets upon which this opinion was founded, the original has *Surippakituw* instead of *Sumerituw*, and that the Accadian *MĀ-ZŪ*, thus explained, has no connection with *LIB-ZU*, one of the ideographic expressions of the name of the town of Assur.

III These facts standing thus the reciprocal geographical position of Sumir and Accad seems to me, therefore, clearly defined. But these names really belonged to the people rather than to the provinces. This is proved by the fact that they almost always occur in the plural, *Sumeri u Akkadī*, when they are written phonetically, and even in the most ancient Semitic document that makes mention of them, the inscription of Hammuragas, in the Assyrian tongue, we find *msi Sumeru u Akkadu*, "the men Sumirians and Accadians". We must examine the origin and derivation of the expression, in order to discover if a difference of race or situation was primitively implied.

One thing seems to me very palpable, that neither of these names was Semitic or derived from any root of the Assyrian idiom, they belonged to another language, the earlier non-Semitic and Turanian idiom. The name of Accad is the only one of the two which we should be likely at first sight to refer to a Semitic origin, by derivation from the roots נכד or אנכ (as the general opinion ran when this word was only known through the medium of the Bible), and its Accadian character and meaning in this language is now most clearly understood. *Akkad*, as Mr Smith, Prof Sayce, and myself, have shown, is a

word of the Accadian language meaning "mountain," with the suffix *u* taken under the form *akkadu*, in the plural *akkadi*. In one lexicographical tablet we find *akkad* translated by *matuv elituv*, "high country." This word *akkad* is evidently related to the verbal root, *aka*, "to raise, heap up." The particular ideogram which expresses it (and which is itself formed by doubling that of the verb *bur*, "to raise, tumify, swell,") gives so good an idea of "mountain," that we find it sometimes used to designate Ararat in Armenia, in which use the Accadian reading would seem to have been *tilla*.

The original meaning of *Sumeri* is more difficult to discover. To do so, we must refer to the equivalent constantly substituted for *Sumr* and *Accad* in the most ancient Accadian inscriptions. In my *Etudes accadiennes*, I disputed the parallelism between this expression and that of *Sumeri u Akkad* in the Assyrian, but a passage from a new lexicographical tablet lately published by M. Friedrich Delitzsch,¹ has proved to me beyond a doubt that I was in error. The expression that I quoted occurs in the title of the kings of the ancient Chaldean empire, *ungal Kiengi ki Akkad*, and is the highest of all the titles applied to these monarchs, it implies a complete possession of the whole of Chaldea and Babylonia, while kings who governed one single town, like those of Uruk, did not make use of it. M. Schrader² proved that it must be translated "king

¹ Inscription of Khorsabad I 31 see H. Ra. Lanson in Vol. IV of Canon Rawlinson's *Herodotus* English edition p. 50-54

² *W. A. I. II* 48 I 13 c d

³ *Assyrische Lesestücke* p. 39

⁴ *Ist das akkadische eine Sprache?* p. 39

of *Kiengi* with *Accad*," that is to say "*Kiengi* and *Accad*," and indeed *kî* or *kîta*, "with," which are essentially postpositions in the Accadian, are sometimes used as conjunctions, like *ilch* in Turkish; *kiengi* is then the equivalent of the "land of Sumer"

But *kiengi* or *kingi*, is a well known substantive of the Accadian language, which is translated into Assyrian by *matuv*, "country," in the lexicographical tablet¹ It has lost the final letters (as is so often the case in the Accadian²), and thus is an altered and contracted form of *kingina*, which is rendered elsewhere *irsitu* "land;" and *kingina* itself is a compound, formed from *kî*, "land, country, place," and *gina* "existing, real, straight," in which the first *n* has no radical value; *ng* (which is one sound in the Accadian) should really be considered as a simple modification of the *g* placed between two similar vowels, a modification similar to one we see in the Accadian, when the Assyrian *nagû*, "district," is transformed into *nanga*, or *kî-kala* into *kankal*³

Does *kiengi*, or *kingi*, whose meaning as a substantive is thus clear, apply to the country of Sumer, Babylonia proper, as being pre-eminently "the country"?

It is possible that M Schrader may be right in his opinion. It seems to me though, that the opposition between *Kiengi* and *Akkad*, "the country" and "the mountain," implied rather the meaning of

¹ *W A I* II, 39, l 9, c, d, cf its use in IV, 27, 4, l 63

² See my *Etude sur quelques parties des Syllabaires cunéiformes*, p 72, et seq, 102, et seq

³ *Ibid*, p 177

"plain" in the first word, as in Assyrian, *matu*, "the country," is used in the sense of "plain," when it is opposed to *sadu*, "mountain." I think even that I have discovered the word *kingi* used in the sense of "plain," amongst a people speaking a language related to the Accadians, in the name of one of the provinces of Na'iri, *kingi Istilenzakhar*, "the plain of Istilenzakhar." An idea of flatness analogous to that of a plain would result etymologically from the presence of the syllable *gna* in the compound *kingina*, contracted into *kingi*, and would give it a different meaning from the simple *ki*.

To return to *Sumeri*. This name designated the inhabitants of the country *Kiengi*, as Akkadî did the inhabitants of the country called Akkad, "the mountain," whence we must infer an identity of meaning between *sumer* = שומר and *kiengi*. *Sumir* is evidently a word formed by a suffix of derivation in *r*, other examples of which are now to be seen in the Accadian. But we do not yet know which was the earlier form, *sumer* or *sungir*, and consequently whether the root was *sum* or *suk*, both suppositions are equally allowable from a philological point of view, the first would give the meaning "low country," the second "watered country." All this leads us to the same conclusion with respect to *sumer*, as we came to in connection with *kiengi*, when it was opposed to Akkad that it included the vast plain watered by the two great rivers in view of the high mountains, which bound it and tower above it on the eastern side. This

opinion is further confirmed by the unmistakeable traces, which we find in the geographical nomenclature of much later date, of a primitive extension of the name *Sumer* = שׁוּמֶר to the common valley of the Euphrates and the Tigris, from the source of the two rivers in the mountains of Armenia to their outlet in the Persian Gulf. In this vast extent of territory, which constitutes a clearly defined physical region, we find not only the Biblical Shinar, pre-eminently the plain, adjoining Babylon, but more to the north, between the Tigris and the Chaboras, the Singara of the classical writers,¹ the Sindjar of Arabian geographers,² with the chain of hills called by Ptolemy Σιγγάρων ὄρη,³ which stretched from there to the Tigris, crossing the whole of western Assyria. The Egyptian monuments of the eighteenth dynasty mention frequently⁴ a country of Sinker as situated alongside that of Assur, whilst they place Akatı (Accad) some way to the south as compared with Nineveh.⁵

IV The names Sumirians and Accadians meant then originally "the people of the plain" and "the mountaineers." These names take us back to a time long anterior to any of which we possess records, to a time when the two nations bearing these names dwelt, one on the banks of the two

¹ Ptol V 12, 9, Dio Casso, LXVIII 22, Ammian Marc XVIII 5, 20, Eckel, *Doctr. num. vet.*, Vol III, p 519, Ritter, *Erdkunde*, Vol X, p 118, 158, 247, 696, 718, Layard, *Nineveh and Babylon*, p 249

² Maracid, Vol II, p 57, Aboulfeda, p 445, Qezovina, Vol II, p 262

³ V 12, 2. Now the Sindjar mountains

⁴ Chabas, *Voyage d'un Egyptien*, p 225

⁵ Maspero, *De Carchemis oppidu situ*, p 26, J de Rougé, *Mélanges d'archéologie Egyptienne*, Vol I, p 46

great rivers of Mesopotamia in the plain, the other amongst the eastern mountains, where, as we saw, some tribes called Chaldeans were to be found up to a very recent period. Later, a general migration took place which had not been historically recorded, and the place of abode and respective position of these two nations became changed without their undergoing any alteration of name, although the designations by which they were known no longer corresponded with the physical physiognomy of their then new resting places. This was often the case, however, with the names of nations which were given originally to mark some peculiarity of geographical position and were retained after an entire change of position, even when their etymological meaning was found to be quite at variance with the site occupied by the people who continued to use them or to whom they are even now still applied.

So although the Sumirians and Accadians retained the names which originally marked them as people of the plain and the mountain, both nations found themselves inhabitants of the plains bathed by the waters of the Euphrates and Tigris, the Sumirs in the north, in Babylonia, the Accadians in the south, in Chaldea, these mountaineers were thus the occupants of a country where there was not a single mountain to justify the use of their old title, which was continued, however, both from custom and tradition. And it is worthy of remark that the want of agreement, which resulted from the change of abode, between the meaning of the two names and the physical conditions of the countries henceforth

inhabited by the nations to whom they were applied, contributed much (as we have proved was the case) to give to these designations the character of names of nations, used almost exclusively in the plural. The memory of the correct and original meaning of the two Accadian words, *sumer* and *akkad*, was vivid enough to lead to the use of the expression *mat Sumeri u mat Akkad*, "the country of the Sumirs and the country of the Accadians," in speaking of Babylonia and Chaldea and not *Sumer u Akkad*, which would have meant indeed "the plain and the mountain," and have been both absurd and a violation of common sense, whilst the phrase that they did use was quite allowable "the country of the people of the plain, and the country of the mountaineers," referring to the original conditions and the point of departure of the dwellers in the two countries. It seems that *Akkadu* or *Akkad*, in the singular, as the name of a country and not of a people, did not come into use until much later during the Assyrian epoch, when the Accadian had become a dead language and the tradition of the real meaning of the word was consequently quite lost. And even at that time, the royal titles adopted by the Sargons when they made themselves masters of Babylon ran *sar Sumeri u Akkad*, "king of the Sumirians and the Accadians," not "king of Sumir and Accad." In my opinion, all this tends to dispel any ethnical difference between the Sumirians and the Accadians. As the two names belonged to the Accadian language, it appears very probable, looking at the facts in the new light now thrown

upon them, that they were of earlier date than the introduction of the Semitic or Kushito Semitic element, that the two nations, whose respective geographical position they indicated, were two divisions of the non Semitic or Turanian race, from whose language these names were taken. And when the Sumirians and Accadians had become the inhabitants of Babylonia and Chaldaea, these two names continued to be used in this same sense after the introduction of the new ethnic element in either province, the distinction of race had nothing to do with it, the people of Babylonia, of whatever origin and language, were counted amongst the Sumirians, the people of Chaldea as Accadians.


If, as M. Schrader thinks, an example exists in which the Assyrians term the non Semitic language of Chaldea as the language of the Sumirians and Accadians, the question would be definitely settled, we need look for no distinction of race under these two names. Unfortunately as I mentioned above, this decisive proof is still wanting. But in its absence I think we may arrive at the same conclusion by an argument of another kind.

Now that an indigenous document has shown us clearly that the title of the ancient kings of Ur, whose Accadian (or Sumer Accadian) origin was testified by their proper names, *ungal Kiengi ki Akkad* was equivalent to "kings of the Sumirians and Accadians, part of M. Oppert's reasoning assumes great importance and we must assent to it. "In their title these kings place the equivalent of Sumir before Accad, so we may conclude that the Sumirians

belonged to their race, for a sovereign does not generally call himself first king of a foreign race, he gives the priority to his own." But we cannot from this infer with the eminent philologist, that the Accadians represent the element speaking the Semitic language, since we noticed that the Assyrians compared Accad to Assur, when they wished to show the opposition between the non-Semitic and Semitic idioms. The only conclusion possible in the face of these facts, is that the Sumirians and Accadians belonged to the same race, that they were two divisions of the same blood; that it was no supposition of any ethnic distinction which prompted the awarding of the first rank, the place of honour to the Sumirians, but rather the peculiarly sacred character of their country, the important place taken by the plain of Shinai and Babylon, the principal sacred town in religious tradition.

V Still the fact on which M. Oppert based his Sumirian theory remains. It raises a very difficult problem, which must I fear yet be left undecided. But the meaning of the fact seems to me too uncertain in itself, and too susceptible of diverse interpretations, for any good critic to make it the pivot on which all researches connected with the respective characters of the Sumirians and Accadians should turn.

In the inscriptions of the Assyrian period, the phonetic expression of the name of the Sumirians and the allophonic sign furnished by the old Accadian word *kiengi*, are frequently replaced by a complex

ideographic group , of which we have as yet found no earlier example

The first sign of this complex group has the sure and only ideographic meaning, "language," therefore, the use of it would seem to indicate a difference of language between the Sumers and Accadians. This is the fact, and it is well to remark, that M. Oppert and I have been able with equal probability to make it the basis of two opposite theories.

The ideographic group, says M. Oppert, meant "language of worship," so it proves that the Sumirians were the original possessors of the non-Semitic idiom, which long remained as sacred to the Assyrians as it was to the Babylonians.

This reasoning is however by no means sure and unassailable, for two objections can be proved against it which seem instantly to destroy it.

1st. Nothing is less certain than the explanation and analysis of complex ideographic groups, when they are unaccompanied by any hints from the Assyrian grammarians themselves. Much prudence and forethought is necessary to prevent the student from being led away by his imagination, and an interpretation of this kind can rarely be taken as the foundation of an argument because it is so likely to be incorrect. Thus with regard to the case in point, no one can doubt that the first sign means "language," but the ideographic values ascribed to the second are various enough to make the meaning of the whole uncertain, three different translations at any rate are equally probable. That

which runs "language of worship," is possible I own, but I consider it one of the least probable, for it ascribes to the second character a secondary and derivative sense which it seldom has, and which is only used as an extension of that of "service."

2nd Even if this meaning were proved to be correct it does not follow that because the ideographic group was invented by the Assyrians, it must necessarily apply to the Tumanian language, which we call *Accadian*. Indeed, it is far from clear that the Assyrians used this language as a "language of worship," that is, as a liturgical language. It had this character in Babylon, but I think we are quite at liberty to doubt whether it was ever so accepted in Assyria. The Assyrians searched out and studied the old Accadian books as sacred books, but though this was an indispensable foundation of all sacerdotal studies, it does not prove that their liturgy was in the Accadian. Such religious hymns as we possess in the Accadian tongue are directly connected with the worship of the principal sanctuaries of Babylonia and Chaldea, and we see that they were used in the ceremonies of the particular sanctuary which they mention. There is not a single one that seems to have been connected with the Assyrian temples. On the contrary, we now possess enough fragments of the liturgy of the Assyrians, properly so-called, both hymns and prayers, written only in Assyrian, to infer that in this country the "language of worship," the liturgical language, was the national language, and not the Accadian, in

spite of the importance they continued to attach to the Accadian books as a means of religious instruction

In my *Etudes Accadiennes* I thought I discovered in this same ideographic group the elements of an argument exactly contrary to that urged by M Oppert I observed, and so far I hold to my opinion, that the most common meaning of the second sign used in this group, **E**, would give "ordinary language," *lingua familiaris*, *lingua domestica*, instead of "language of worship," and I therefore came to the conclusion that the Assyrians had invented this group in order to designate the Sumirians as the people who spoke the same language as themselves, in contrast with the Accadians This would not be entirely opposed to my new opinion, that the names Sumirians and Accadians were originally applied to two divisions of the same non Semitic race Indeed the appellation of Sumirians was certainly afterwards used to designate the inhabitants of Babylonia as opposed to those of Chaldea, but without any definite ethnic idea being attached to it Now it is historically certain, that the Turanian Accadian element which was gradually supplanted by the Semitic Assyrian, lost its supremacy and even died out altogether, much more quickly in the north than in the south, in Babylonia than in Chaldea At the time that their national existence began and their external power arose, the Assyrians would have been quite right in considering the Sumirians, understood in the sense of inhabitants of Babylonia, as a population speaking the same language as themselves, but that teaches us nothing

more about the ethnic value of this word than the use of the term *lingua Gallica* in modern Latin, to designate French, teaches us about the ancient language of the Gauls.¹ It would even be natural to think that they had the same reason for adopting the term "language of Accad," to designate the non-Semitic language which must have belonged to the primitive Sumirians as well as the Accadians, the country of Accad in its strictest sense being the place where it remained longest and where they saw it still a living language.



I would not, however, venture to assert that this interpretation, this way of looking at things, is perfectly certain, indeed that is a line I have never

¹ One fact at least is certain, that in consequence of more ancient ethnic changes of which Babylon was the scene, and of which we have tried to give an idea, founded partly on conjecture, the name of the people of this country, the Sumirians, early lost the exact individual meaning which the name of the Accadians retained much later, it assumed a vague character, and became one of those memories of the past which are used in royal titles even after they represent nothing substantial.


If the kings of Assyria, when they made themselves masters of Babylon, took the title of *Sar Sumeri u Akkadî*, it was a regular affectation of archaism, a revival of the ancient protocol which they thought gave an august character to their sovereignty. But we must not omit to notice that they took to it again after a period of suspension, or at least uncertainty as to its use, under the monarchs of the Cissian dynasty. In their Accadian inscriptions these kings reassume the ancient title *ungal Kiengi ki Akkad*, an entirely geographical title, together with those of *ungal Kâ-dingira* or *ungal Karu-Dunyas* "king of Babylon," and *ungal Kassî* "king of the Kassî," they even used it as an allophonic expression in some of their Assyrian inscriptions, *IV A I IV*, 41, col 1, l 30.

But when they substitute a phonetic expression for the allophonic expression of this title in the inscriptions in the same language, they do not write *sar Sumeri u Akkadî* but *sar Kassî u Akkadî* (see the inscription published in part in *IV A I II*, 38, 2, and more completely by Mr Boscawen, *Trans Soc Bib Arch*, Vol IV, p 1, I can think also of two other examples). They replaced then *Sumeri* by *Kassî*, as a designation of the inhabitants of Babylonia, really because part of the nation of the Elamite Kassî, the people to whom these kings themselves belonged, had come and settled as conquerors in Babylonia. They are often mentioned in the precious document known as the *Synchronous History* in connection with events which happened under the later Cissian kings, and even under the first princes of the Assyrian dynasty which followed them. The Kassî seem to have been at that time a conquering and ruling people in Babylonia, triumphing over the old inhabitants who still retained their own language however, something in the same way that the Turks now rule most of their European provinces.

adopted. I only suggest it as at least as possible a conclusion as M. Oppert's, or perhaps as even more probable. My chief reason for repeating it is to show how uncertain in the question of Sumir and Accad any argument is which rests on one particular interpretation of an ideographic expression of doubtful meaning, capable of many explanations and all of equal value, and how imprudent it is therefore to build up a theory about the ethnic character of these nations on such a fragile basis. And owing to the number of ideographic meanings attached to the second character of the group under consideration, a third explanation might be propounded with quite as much show of reason as the two that have already been given, and like them founded on unquestionable instances of the use of the character in this sense, the translation in this case would be "language of those sitting" (no doubt in contradistinction to the nomadic tribes), which would suggest an entirely new train of thought.

Let us suppose for a minute what is not possible, without considering that our point of view would be completely changed, and imagine that we could prove from some example as yet unknown to us (which is by no means impossible), that the complex ideographic expression   is not of Assyrian origin, but attributable to some earlier date. Then the difference of language which it seems to imply between the Sumirians and Accadians, would become

See the same terms which I used in my *Et des accadiens* etc. Vol. I. 3. p. 91.

The sign  has the meaning "to put, place" intransitively "to sit" at least as often as that of "serve" and this rendering is much more usual than adoration, or worship.

a simple variation of the same, a purely dialective difference, instead of the regular opposition existing between a Semitic and Turanian language. That a variety of dialects of the ante-Semitic language did exist in the lower basin of the Tigris and Euphrates no one can doubt. The lexicographical tablets bear witness to the fact. They often contain certain words belonging to a dialect closely related to the Accadian, properly so-called, but differing from it in certain phonetic peculiarities, one of the most striking of which is the tendency to substitute *m* for *b*.¹ The words borrowed from this dialect are always distinguished from the pure Accadian words by the addition of an ideographic expression which shows them to be of some peculiar idiom, 𐎶𐎵𐎶𐎵 𐎶𐎵; this expression seems to mean "language of women" (unless it means something quite different, which is still doubtful, for we are sure of the translation "language"), but in any case we should not omit to notice the close connection between it and the group used to designate the Sumirians in the Assyrian texts.

I must add that an inscription of Sennacherib's mentions in Babylonia, as side by side with the country of the Sumirians, designated by the expression 𐎶𐎵𐎶𐎵 𐎶𐎵, not the country of the Accadians, or at least not one of the expressions generally used for it, but a country designated by an ideographic group so formed as to be a counterpart to it, and giving also an idea of language, 𐎶𐎵𐎶𐎵 𐎶𐎵 𐎶𐎵𐎶𐎵.²

What is the meaning of this last expression? It

¹ *W A I* III, 4, 4

² M Oppert translates "country of the language of the slaves," but I do not know from what information

would be bold to pretend to solve it. But that is one proof more of the obscurity in which these indications touching a diversity of language between certain tribes of Babylonia or Chaldea are still wrapped, and showing how dangerous it is to isolate one and draw from it inferences which are by no means indisputable.

The ideographic expression for the name of Sumirians, in the inscriptions of the Assyrian kings, suggests then a problem which is not yet resolved, and which it is not possible to resolve in the present state of the science, it must stand aside until we can obtain the necessary proofs from new documents. I repeat that the answer to the question is not to be found in an ideographic expression of doubtful meaning, which has been interpreted in two opposite ways and might be interpreted differently again, it needs other data like those we have been trying to bring forward.

The reader will perhaps think that the use of these data has not led me to any certain result, and that I now speak doubtfully on a subject on which I was formerly sure, and on which M. Oppert continues to be quite certain, though taking a view diametrically opposed to mine. But in science it is a step gained to admit that we are no longer certain on a point which in a hasty moment we were too ready to suppose was incontestable. Besides, amidst all the uncertainty which still exists there are two points which become daily clearer: the legitimacy of the name *Accadian language*, for which we have a precedent in the custom of the Assyrians, although

it is probable that this language was not peculiar to the Accadians, at least not originally ; the increasing probability that the names Sumirians and Accadians did not express the distinction between the Semitic or Kushito-Semitic race and the Turanian or Altaic race

This latter point now renders useless all discussions about the choice between the appellations *Sumerian* or *Accadian* for the idiom which must have belonged both to the Sumirians and Accadians

[77]



INDEX

AAHLA The Egyptian Plains of Peace	86	ACCADIAN LANGUAGE (Continued)	
ABAMMON His conference with Iorhyry	75	No distinction between the two genders	277
ABU SHAREIN The modern name of the ancient Eridu	28	Peculiarities in its formation of adverbs	28
ABYDENUS His account of the resting place of the Ark of Noah	159	Peculiarities in its use of particles	280
ACCAD		Peculiarities in its use of postpositions	281
In later times called Kaldi	335	Peculiarities in the formation of its roots	77
The territory described by Sennacherib	393	Peculiarities of its adjectival forms	85
ACCAD or SUMIR MM Oppelt and Lenormant upon these terms	387	Peculiar use of particles in its verbal voices	90
ACCADIAN and EGYPTIAN MAGIC Contrasts between	107	Possesses few prefixes of derivation	283
ACCADIAN and FINNISH MYTHOLOGY Their differences	50	Preference for prepositive conjunctions in	286
ACCADIAN and IRANIAN DEITIES of the three zones	230	ACCADIAN The	
ACCADIAN MAGIC BOOKS Various questions arising from the study of	198	Believed in lucky and unlucky months	7
ACCADIAN MAGICAL HYMNS Many valuable ones only exist in an Assyrian version	15	Ignorance of the Assyrians in early times	333
ACCADIAN LANGUAGE		Probably came from Armenia	361
A dead language in the time of Assurbanipal	2	Their archaic legislation	378
Allied to the Mantchoo	295	The first writing hieroglyphic in character	363
As urbanipal tries to restore it	369	Their horror of darkness	178
Differences between it and the Altaic languages	83	Their priority in Chaldea	350
Examined in detail	263	ACHEMENIDS Their support of the Persian religion	220
Four fundamental principles relating to	68	ADAM Deceived by the she demon	38
Generally used by the Assyrians for magical purposes	264	ADAM	
How influenced under the Sargonides	329	Lilith	
Its agglutinative character	296	ADAR	
Its Altaic affinities	29	An Assyrian deity of strength analogous to Nindar and Hercules The god of the planet Saturn	17 55 118
Its formation of derivatives	7	Was both the husband and son of Belt	118
Its incapsulations	297	ADAR SANDAN Called the Sun of the South	131
Its negative conjugations	281	ADONIS MYTH Its Egyptian analogues	84
Its peculiar formation of the plural and dual numbers	276	AORAKHISIS See Khasatra	354
Its periphrastic constructions	291	ÆON An apparently an æon	133
Its phonology	300	ÆSCHYLUS Describes the Babylonians as a mixed crowd	331
Its postpositive conjugations	280	AGANE	
Its pronouns identical with those of the Altaic languages	278	Its monarchs of Kushito-Semitic origin	326
Its stages of development with regard to the pronominal subject of the verb	293	The Agama of Ptolemy and the Babylonian Talmud	395
Its three classes of vowels	271	The seat of the dynasty of the Sargonides	126
Its Turanian affinities	270	AGIEL The intelligence of Saturn	26
Its use of verbal forms instead of conjunctions	81	AGNA or AGANA The same as Agane	395
		AGNI	
		An Aryan fire god the analogue of the Accadian fire deity	27

AGNI (<i>Continued</i>)	
His analogue the fire god Bil-gi	185
His interchangeable character	131
AHRIMAN <i>See</i> Angromainyus	
AHTO The Finnish king of the ocean	252
AHURAMAZDA	
Confides the world to Darius Hystaspes	219
His connection with Zarvana-akarana	229
His cultus tinged with Babylonian ideas	196
His name unknown to Herodotus	224
Made into a triad with Mithra and Anahita	235
Sublime titles of	199
AKAR The proper name of the Egyptian hell	86
AKHMIARU The Assyrian vampire	37
AKU The type of royalty, and the first divine monarch who reigned upon earth	208
AKU or PAKU An Accadian deity	206
ALAL	
A wicked demon so called	8, 16
Causes chest diseases	36
Charms against	17
ALAP The winged bull of the Assyrians considered as a protecting demon	24
ALEXANDRIA The Neoplatonists of Alexandria described	75
ALLAT, The goddess Called Ningis-zida	140
ALTAIC AFFINITIES Of the Accadian language examined	292
ALTAIC DIALECTS Their importance in the study of Accadian philology	268
ALU The Assyrian analogues of the Alal	24
AMARUD Identified with Marduk by M Grival	10
AMAR-UTUKI An Accadian name of Marduk	132
AMEJ-KHEM The Ithyphallic Horus	98
AMEN-RA	
Invoked in an Egyptian incantation	101
The analogue of Jupiter	78
AMENTI The abode of the Egyptian gods	86
AMESTRIS Sacrifices seven children to the god of darkness	231
AM-RAHOU-EF A mystical evil serpent assailing the bodies of the dead	93
AMSHASPANDS Their Accadian analogues	200
ANA, The god	
Called Zi-ana, Spirit of the Heavens	149
His analogy to Ukko the god of the Finns	247
His consort the goddess Nana	149
Not identical with Oannes	202
ANAHITA Associated with Mithra and Ahuramazda	235
ANATA An Egypto-Semitic goddess of war and revenge	99
ANGELS Of the planets	26

ANGROMAINYUS	
His connection with Zarvana-akarana	229
Worshipped by the Magi	231
ANHUR An Egyptian deity, his character and offices	96
ANKH-USKII-SIUB The meaning of the formula	101
ANNA The Accadian name of the god Anu	4
ANURODUS	
A fish deity, a form of Ilca	157
Origin of the name	203
ANTHROPOMORPHISM Early introduced into Egyptian theology	82
ANU	
Analogous with Eschmun, Marna, Baal-hildim, and Audi	134
At the desire of Ishtar creates a bull to punish Izdubar	57
Really an An, or heaven, earth, and time	133
The father of Martu, the West	120
Worshipped at Uruk	323
ANUBIS How distinguished from Set	83
ANUNAGI Accadian deity called the Archangel of the Abyss He was a form of Her	164
ANUNAKI The Accadian gods of the earth	17
ANUNNA-IRTSITI The Assyrian spirits of the earth	17
'AOS Greek form of the god Ilca	115
APAP <i>See</i> Apophis	83
APHRODITE and MITHRA Origin of the erroneous identification of, by Herodotus	234
APOLLO His analogue in Horus-Ra	78
APOLLO PYTHIAS Allusion to the sacred intoxication of his priestess	255
APOLLODORUS His version of Berossus' account of the Annedoti	157
APOPHIS The great serpent of evil, originally a nature deity	83
APSU The goddess of the Abyss	113
ARABIA	
Characteristics of its early religions	128
Southern Arabia called the land of Pount	106
The starting place of the Semitic nations	341
ARALI A mystical country rich in gold	152
ARDUSIN An early Babylonian monarch	127
ARIA An Accadian river deity	183
ARK OF KHASISATRA Its construction as described in the Deluge Tablet	160
ARK OF KHONSU Sent into Bakhtan to cure the Princess Bintreschit	33
ARK OF THE DELUGE Rested on the Gordycean mountains of Armenia	159, 362
ARMENIA Origin of the Accadians in	361
ARPHAXAD A Semitic chief	339
ARROWS OF FATE Represented in the hands of Marduk	238

ARAPHES. A form of Horus the Wenger	99
ARTAXERXES MARMON. His in- fluence on the Assyrian with Ahuramazda	235
ARYAN DEITIES. Turned in odors by the Vedic writers	7
ARYAN SORCERY. Its Chaldean analo- gies	61
ASAJAT. A class of Finnish magi- cians	43
ASAKKI. The Assyrian name of the Idpa demon	36
ASAPHIM. Were the Chaldean Theosophists	14
ASUR. A Chaldean deity	10
ASURORS. The forty two assessors of Osh	106
ASUROR. Analogue of the god Asur	13
ASUR. The first seat of the Assyrian Meaning of the name. Now called Khalat Shergat	334
ASURBA IDILA. An uncertain Chal- dean (?) monarch	30
ASURBANIPAL. Had at least 30,000 magical tablets in his library Had the Accadian tablets copied into Assyrian His conquest of Monopolan races Tries to restore the sacred Accadian language	347 350
ASSYRIA. Sayer of the king of	34
ASSYRIAN LANGUAGE. How influenced under the Sargonides	379
ASSYRIAN SCRIBES. Added phonetic commentaries on the lexicographical tablets	313
ASSYRIAN VERSION. Of the Accadian tablets not always literal	3
ASSYRIANS. Originally called the Gutim	333
ASTROLOGERS, Chaldean. The hav- ing of Daniel	14
ASTROLOGES. Connected with serpent worship	33
ASURAS. The Aryan Asuras changed into the devils of the Vedas	77
ATEF CROW. Its nature and signi- ficance	95
ATHARVA VEDA. Its analogue in Ac- cadian magical treatises. Formulas	1
ATHRAVA. The Persian religion	70
ATRIATENE. A second Ecbatana surrounded with seven mystical walls The early seat of fire worship	7 197
ATYS MYTH. Its Egyptian analogies	64
AUDH. An Arabian deity analogous with Anu	134
AUHNARU. The Egyptian abode or heaven of Osiris	86
AUSAR. An early deity after whom the town of Assur was named	334
AUV KINUV. A primordial deity of the Chaldeans	113
AVESTA. The Citations from	223

AVISTA. The Cited Irohal influenced by Babylonian theology	197
AZAZEL. Reference to the Jewish scapegoat of Azazel	21
BA. The soul so called in Egyptian	84
BAAL. The general deity of the Semitic nations	83
BAAL HALLIM. An analogue of Anu	134
BAAL. The original form of the name of Babel	114
BABYLON. Extreme antiquity of the great tem- ple at Irohal influence of the Sacred grove of the The tomb of Marduk at	3 197 34 13
BABYLONIA. Anciently called Ka D n n i e s Independent of Assyria till 500 B.C. The two ethnic elements in	353 34 331
BABYLONIA AND CHALDEA. Tem- porarily conquered by the Kushites	370
BABYLONIAN CIVILIZATION. Had generally two names, one Accadian one Assyrian	353
BABYLONIA. THEOLOGICAL TYPES Of the Assyrian account of	348
BABYLONIA. GO. Invoiced senatim to work on the Caillou Mchaux	68
BACCHUS DIONYSUS. Irohal influence on of his title	17
BAAL. The Caillou Mchaux found in the environs of	68
BAAL. A name of the deity Ilap moui	104
BAHRAM GUR. Another form of the name of Varahana	7
BAHU OF BAH. A Phoenician ana- logue of Davina	14
BAHIA. A country in Mesopotamia	32
BAKKA. The king's sorcerers	212
BAR. Another name of the god Bilgi	189
BARIS. The name of the ark of Osiris	83
BARKS of the gods. Their names in Egyptian mythology	83
BASCHIR KALMUKS. Their super- stitions	21
BATANA. The ancient name of the town of Diru	376
BAL. The Chaldean goddess of Chaos	10
BEDS of the Assyrians. Always stood on a platform	8
BEHISTUN INSCRIPTION. Refers to the suppression of the Magi	19
BEIWA. The solar deity of the Laps	49
BEL. See Baal An Assyrian deity analogous to the Mulge of the Accadians Worshipped at Nipur	16 33
BEIT. An Assyrian goddess analogous to the Accadian Nin gelal Her functions and characteristics The wife of Bel and as Belis the Assyrian goddess of war	16 116 68
BELLONA. Her analogue in Anaitis or Anata	99

- BEL-MARDUK Accadian demiurge 53
- BENNU A kind of heron used to symbolise the solar year 84
- BEROSUS
His account of the Annedoti 157
His Chaldean cosmogony examined in detail by Professor Sayce 123
Source of his theogony 53
- BESA The analogue of Mars 78
- BIL-GI
His various titles 186
Regarded by the Assyrians rather as a personification than a deity 188
The Accadian god of fire 184
The same as Izdhubar 188
- BIN
Another name of the god Vul or Rimmon 117, 182
The Assyrian god of the atmosphere, and the Biblical Rimmon 17
- BINTRESCHIT or BENT-RASH A princess afflicted by a demon 33
- BIRCH, Dr Translates the Stele of the Possessed Princess 34
- BISEBA An Accadian name of the sun 249
- BIT-NUR Amulet tablet of 46
- BLACK RACES Early distinguished in Accadian theology 193
- BODIN, Jean A mediæval writer on demonology 23
- BORSIPPA
Astral significance of its seven terraced tower 227
Extreme antiquity of the great temple at 322
Various temples at 193
- BOSCAWEN, Mr W Translates a Hymn to the Mountain of the World 126
- BORRA, M Discovers small statuettes of the Assyrian gods at Khorsabad 47
- BRAHMA The Hindu creator 115
- BROWN and WHITE RACES Chaldean account of their origin 336
- BRUGSCH, HEINRICH Translates the Romance of Setnau 102
- BUDDHA Analogues between his Tchakra and the disk of Hea 162
- BUDDHISTS
Of Ceylon term the Hindu gods demons 77
Use figures of demons to cure the diseases caused by them 51
- BULL OF HADES Engendered by the god Ungal-turda 171
- BULLS OF HADES Their number and offices 170
- BUNSEN, Chevalier Has examined the Egyptian myth of the Meskem 88
- BURNA-BURIAS One of the last to use the Accadian language 369
- CABBALA The angels, spirits, and intelligences of 26
- CAILLOU MICHAUX A Babylonian boundary stone protected by curses 68
- CAMBYSES State of Persia during the absence of Cambyses 219
- CANIDRA The witch, resembled an Accadian magician 5
- CEPHENES Meaning of the appellation Synonymous with Ethiopians 337
- CEPHEUS Early Babylonian monarch 338
- CEYLON Triumph of Buddhism there 77
- CHABAS, F His translation of a magical talisman quoted 92
- CHABORAS Active volcanoes near 10
- CHEREMON Wrote a work upon Egyptian magic 101
- CHAKAMIM The term given by Daniel to the Chaldean physicians 14
- CHALDÆO-BABYLONIAN RELIGION
Its doctrines examined 111
- CHALDEA
Called a part of Accadia in the inscriptions of Shalmaneser III 394
To be distinguished from Babylonia 324
- CHALDEA and BABYLONIA Temporarily conquered by the Kushites 320
- CHALDEAN and Egyptian magic contrasted 78
- CHALDEAN AMULETS And their uses 39
- CHALDEAN CIVILIZATION Sumirian influence in 356
- CHALDEAN COSMOGONY Its origin 336
- CHALDEAN DEITIES
Also called Zi 148
Named by numbers 25
Their eponymous character 127
- CHALDEAN DEMONOLOGY Its influence on the book of Enoch 30
- CHALDEAN DYNASTY Reigned immediately after the Flood 339
- CHALDEAN FAITH Influenced by the Kushites 367
- CHALDEAN GODS Indicated by a star 155
- CHALDEAN MAGICAL TABLETS Monotonous style of the conjurations 15
- CHALDEAN MATHEMATICS Its cycles and systems 366
- CHALDEAN MYTHOLOGY Its development 125
- CHALDEAN SORCERERS Their supposed terrible powers 61
- CHALDEAN THEOLOGY Its pantheistic nature 129
- CHALDEAN VEDA M Lenormant's name for a collection of Accadian hymns 319
- CHALDEANS Had properly no physicians 35
- CHALDEES or KALDU Their growth under Assurnazirhabel and Salmansar III 340
- CHAMAEL The angel of Mars 26
- CHANGE OF PERSON A common feature in Oriental composition 16
- CHANG-TI The Chinese heaven deity 154
- CHEDORLAOMER Properly the Elamite conqueror Kudur-Lagamar 120
- CHIEF or Manager of Slaves Accadian laws to restrain 383
- COCHABIEL The spirit of Mercury 26
- CONCUBINAGE Accadian laws respecting 385

CONIFEROUS TREF	Used in en chantments	8	DER Dr John	His revelations tinged with Babylonian ideas	58
CONJURORS	Chaldean The Khar tumim of Daniel	14	DELUGE TABLE	The hero Izdubar possibly a fire deity	10
CORN CROPS	Enchantments to prosper the	4	DEMONS		
CORY J P	Value of his <i>Ancient Fragments</i>	119	Chiefly inhabit	the desert	31
COSMO GEOGRAPHY	of the Chaldeans Examined in detail	151	Five great classes of		25
COSMOGONY	of Berosus Examined in detail by Rev A H Sayce	123	Many figures or parts of figures of remaining		52
COSMOGONY	of the Chaldeans Ped gree of	115	Their subtle influences		30
COSMOGONY	of the Phoenicians Ex amin d by Ewald and Sayce	124	DEMONS of the Finns	Inhabit Pohjola	56
COX	Identifies Ouranos and Varuna	134	DE ROUGE	Translates the Stele of the Possessed Princess	34
CRAOSCHA	The archangel H's ana logy to Sil k mulu khi	195	DESERT	Chiefly inhabited by demons	31
CREATION TABLET	Discovered by George Smith	113	DEUS AVERRUNCUS	The proper office of Hea	158
CREMATION	Its origin among the Turinians	20	DHUBAR	The true name of the hero Izdubar	188
CUNEIFORM WRITING	Invented by the Turinians	371	DIABEM	Its varieties	41
CUPS	Assyrian magical drinking	46	DIANA	Her analogue in Nephthys	78
CUTHA	Sacred to the god Kanisura	120	DIANNISU	Or Judge of Men an Assyrian title of the sun god	17
CYBELE and ATYS	Egyptian origin of the Myth of	84	DICE	Used in Magian magic	38
CYRUS	Reason of his regard for the God of the Jews	23	DII MINORES	Their origin described	73
			DIMMER EA	A title of the god Fire	186
			DINGIRA	The Accadian name of Ilu	113
			DIOGROSUS SICULUS		
			His account of the Chaldean Magi		12
			His statements as to the Chaldean views of heaven and earth		150
			DIRU	Its Patesi had Semitic names and wrote in Assyrian	326
			DISEASES		
			Caused by demons enumerated		46
			Sent from the infernal regions		21
			DISK OF HEA	Its terrible nature and effects	162
			DIVINING RODS	Used by the Magi	237
			DRAGON and SUN MYTH	Its As syrian analogues	208
			DRANCA	The lie which deceived the Persians in the reign of Cambyses	219
			DRFAM of the King of Bakhtan		34
			DUALISM of the Accadian magical system		146
			DUALISMS of the Chaldean deities		117
			DUAL NATURE of Chaldean sorcery		58
			DUNGI		
			An early king of Ur		318
			Used Assyrian for his official in scriptions		326
			DUN KUN UDDU	A title of the planet Mercury	172
			DUNSTAN Saint	Considered a ma gician in a good sense	73
			DURRI GALZU	On of the last to use the Accadian language	369
			DUZI or DUMUZI	The Syrian Tam muz and the consort of Istar	118
			DVERGUES	Scandinavian genii	249
			EARTH The		
			Chaldean idea of the shape of		150
			Identified as the goddess Nin kugal		17
			EAST	Believed by the Egyptians to be the position of all evil	51
			ECBATANA	Astral significance of its seven walls	27

ECKSTEIN, Baron	His remarks on the mythology of the Turanian races	177	EUAHANES	See Oannes	203
ECSTASY	Of the Finnish magicians	255	EUPHRATES	Accadian charm to close the waters of	10
EGRES	Spirits of vegetation	250	EURIDICE	The myth of Euridice compared with that of Istar	166
EGYPTIAN and CHALDEAN MAGIC	Their rites compared	70	EWALD, Dr	His account of the Phœnician cosmogony	124
EGYPTIAN and FINNISH MEDICINE	Their analogies	258	EZEKIEL	Chaldean analogues of his vision at Chebar	122
EGYPTIAN DEITIES	Their eponymous character	127	E-ZIDA	A temple at Borsippa	193
EGYPTIAN MAGIC	Limited to certain deities	78	FATHER	Accadian laws respecting the repudiation of a	382
EGYPTIANS, The	Believed in demons causing local diseases	36	FEMALE DISEASES	Caused by evil demons	5
	Their real religion monotheistic	80	FERVERS	Their Accadian analogues	199
ELIM	The Assyrian analogues of the Gîgim	24	FETICHISM	Its origin	70, 71
ELEMENTARY SPIRITS	Origin of their worship	70	FEVER	Its special demon called Idpa	36
ELEPHANTA	Its triad referred to	115	FILIAL OBEDIENCE	Accadian laws respecting	382-384
ELEPHANTIASIS	Peculiar to Damietta	20	FINNISH and ACCADIAN MYTHOLOGY	Their differences	250
ELIMIEL	The intelligence of the moon	26	FINNISH DEMONOLOGY	Further examined	253
EL KHARGEH, Temple of	Inscriptions to the spirits of the elements at	144	FINNISH LANGUAGE	Its Accadian affinities	300 etc
ELOHIM	Chaldean analogies of	124	FINNO-TARTARIAN MAGIC	Fully described in the Kalevala	241
E-MAKH-TILA	A great temple at Borsippa	193	FINNS	Accadian analogies of their religion	251
ENCHANTED DRINKS	Used by the Accadians	41		The character of their Paganism	242
ENCI	The Accadian Ea	124		Their only priests were magicians	243
ENDEME	His knowledge of the mystical Zarvana-akarana	229	FIRE	Incantation over the sacred flame	65
ENI-DAZARMA	Conjuration by	139		Said to have been brought down from heaven by the Magi	238
ENI-KIGA	A title of Hea	149		The Assyrian god of, was perhaps Izdubar	10
ENI-ME-SARA	Sons of the lord of the infernal regions who dwell in the flame	170	FIRE GOD	A hymn to	185
ENIZUNA	His analogy to the Finnish moon god Kuu	249	FIRE WORSHIP	Essentially Turanian	197
ENOCH, The Book of	Its strongly Chaldean nature	30	FISH	The great fish of the Ocean, a form of Hea	157
EN-ZUNA	The Accadian moon god (?), eldest son of Mulge	17	FRAVISHIS	Their Accadian analogues	199
ERECH	Conquered by the Kushites	320	FURIES	Their analogues in Finnic mythology	257
	The great necropolis of Chaldea	116	GABRIEL	The angel of the moon	26
	The seat of a famous Accadian ecclesiastical college	13	GAL-KHANA-ABZU	A title of Hea	157
ERIDHU	Governed by a Patesi	325	GALLU, The	Assumed the forms of bulls	56
	The earliest seat of the worship of Hea	28		The Assyrian analogues of the Telal	25
ERYTHREAN SEA	Appearance of the deity Oes or Aôs in	202	GANZAKH	The Gazaca of Classical writers	227
E-SAGGADHU	The temple of Marduk at Babylon	193	GATES of Palaces	Protected by enchanted winged bulls	54
E-SARA	The Chaldean firmament	153	GATHA I	A citation from	223
ESARHADDON	Protected his palace gates by enchanted figures	54	GATHAS and FARGARDS, The	Period of their composition	220
ESTHONIAN LANGUAGE	Its Accadian affinities	300, etc	GATHAS, The	Their doctrines influenced by Chaldaism	197
ETHIOPIANS	Known to the Greeks as Cephænes	337	GAUTAMA	The false Smerdis, restores Magism	218
ETHNOLOGY	Of the Babylonian nation	331	GAZACA	The Classical name of the town of Ganzakh	14
			GAZRIM	Who they were	227
			GE	The Assyrian name of the lower abyss	165

GELAL and KIEL GELAL The Accadian Lilit	38
GHEZ LANGUAGE Its mixed nature	343
GIGIN	
Analogous to the Assyrian Ekim	24
An evil demon afflicting the neck	3
Cause of eldseases	36
Charms against the	16 17
Wander in the desert	31
GITMALU An epithet of the god of Isdubar	189
GNOSTIC GEMS Their Chaldean origin	52
GNOSTICISM and SABAISM Their differentiations	137
GOTIA Certain coarse and ancient rites of	38
GOOD and EVIL PRINCIPLES Alike adored by the Magi	231
GORDYFNOI Their Accadian origin or affinity	361
GORDYCEAN MOUNTAINS The resting place of the ark of Xisuthrus	159 362
GRAPHAEOL The intelligence of Mages	6
GRIVALL Joseph Identifies Amarduk with Marduk and Siliak mul' Vhi	10
GULA A triform goddess	117
GUTRIUM The early appellation of the Assyrians	333
HADES	
Its entrance guarded by human headed bulls	170
Its porter the god Negab	168
Its seven spheres	167
Its various titles	165
Situated beyond the Ocean	169
The Egyptian Hades described	86
HAGIEL The intelligence of Venus	6
HAA A wine imported from Syria and used in magical rites	93
HALEVY Joseph His statements as to the Accadian language refuted	66
HALL OF THE TWO TRUTHS Its character	86
HALTIA The local genius of the Fins	249
HANIEL The angel of Venus	26
HAMITIC and SEMITIC RACES Their connections and differentiations	343 343
HAMITIC RACES Confounded with the Semites	343
HANMURABI	
The Chaldean religion under	111
The first of the Kassite king	369
HANY M Distinguishes two Babylonian types	348
HAPI or HAPIMOU The god of the Nile	104
HAOMA Its use in the sacrificial rites of the Magi	31
HARRIS PAPYRUS Contains magical formulae	96
HARSHEFT Terrible face A name of Horus the Warrior	99
HARTATEP Discovers a mystical chapter and talisman at Sesennou	90
HARUPUKA KA SHARU SHABAU A Nubian name of Orion	106
HATHORS The seven mystical cows or Hathors of the Egyptians	56

HEA	
Assumed the form of a fish	157
Awful power of his mystical name	42
Called also Nukimmut	207
Called En ci by the Accadians	124
Called Lord of the Earth by Siliak mulu kh	64
Called Zikia the Spirit of the Earth	149
Could not cause evil by himself	181
Directs Siliakmulukhi to cure the diseased	21
First worshipped at Eridu	28
Has an ark wherein he and the deities sail	160
His birth of a water goddess	156
His disk or Tchakra described	162
His great resemblance to Wama moimen	247
His six sons	184
His weapon and regalia adored	161
The god of the Ocean Father of Siliak mulu kh	11
The protector of Khasisatra	159
HEA and OANNES Examination of the relationship between	01
HEABANI His contest with the bull of Ishtar	57
HECATY A form of the moon	117
HEIMOLAINEN The servant of the evil giant Husi	57
HELIOPOLIS A sacred residence of the god Tum	95
HELAA Finnish goddess of health(?)	261
HELLADIUS His account of the fish god Oes	20
HELLANICUS His account of the Ceptenes	337
HERACLEOPOLITE NOME Sacred to Horus Harsheft	99
HERBED A Parsee priest	
HERCULES	
His Accadian analogies	17
His analogue in Onours	78
HERMETIC BOOKS Fragments of in the Harris Papyrus	96
HERMOPOLIS A chapter of the Ritual found there in the reign of Mycerinus	90
HERODOTUS	
Contrasts the Chaldean and Grecian medical systems	35
His account of the Persians	24
His confused account of the Persian religion	225
His quotations of the Grecian and Egyptian divinities	78
His error in regard to the characters of Mithra and Aphrodite	234
HERPETIC or CUTANEOUS DISEASES Familiar to the Accadians	6
HES The Land of a mystical possibly Arabian country	106
HIEROGLYPHIC CHARACTER of the early Accadian syllabary	364
HIDDEN KISSA The evil cat of Heli	57
HIDDEN LINTL The evil bird of the giant Husi	57

HIDDEN RUUNA The evil horse of Husi	257	IMPRECATIONS On the Caillou Michaux described	68
HIDDEN VAIKI The Finnish furies	257	INCANTATIONAL LITANIES Their late date in Accadian magic	141
HIISI The Finnish evil giant His family	257	INCAPSULATIONS Of the Accadian language	297
HILLEVO The goddess of the otters	252	INCUBUS Known to the Accadians	38
HILTAANEN A Finnish deity of the woods	251	INDIAN CYCLES Their Babylonian affinities	366
HIMYARITIC LANGUAGE Its affinities	343	INDRA The great god of the Vedas	131
HINDUS		INHERITANCE Accadian laws of	384
Great believers in amulets	39	INNIN A species of nocturnal demon so called	9
Their deities termed demons by the Buddhists	77	INTELLIGENCES Of the planets	26
HOBAL Another name of the deity Baal Haldim	134	INTERPENETRATION of the Soul An Assyro-Egyptian dogma	3
HOMER Chaldean analogies of his cosmogony	152	IRANIANS Effects of their conquest of Media	232
HORRACK, P J De Publishes the Lamentations of Isis and Nephthys	84	IRON and COPPER Their relative uses among the Accadians and Finns	254
HORUS		ISAIAH Implies the possession of the desert by demons	31
An incantation in the name and power of	98	ISBAGGI-HEA A nearly Chaldean city	325
The Egyptian Apollo	78	ISIS and NEPHTHYS Their Lamen- tations referred to	84
HORUS MYTHS Of the temple of Edfu described	83	ISLAMISM Not wholly destructive of civilisation	373
HUMAN-HEADED BULLS Guard the gates of Hades	170	ISTAR	
HUMAN SACRIFICES Introduced into Zoroastrianism by the Magi	231	Astronomical origin of the double Ishtar	118
HUNGARIANS Their position as a Turanian race	373	Crosses the Ocean on her journey to Hades	169
HUSBAND Accadian law respecting the repudiation of	382	Delivered from Hades by the name of Hea	43
IAMBLICUS His account of the an- cient magicians	76	Her descent into Hades	11
IBN KHALDUN His account of Na- bathean sorcery	63	Her Descent into Hades quoted from	165
IDADU A nearly Babylonian monarch	326	Sends a bull to punish Izdubar	57
IDEDA Spirits residing in heaven	148	The goddess of the planet Venus Possibly the analogue of Tiskhu	17
IDPA The Chaldean demon of the plague	36	The sister of Ninkigal	11
IGILI Chaldean celestial spirits	122	ISTILENZAKHAR A country so named	401
IHUARINEN The divine smith of the Finns	253	IZDHUBAR	
IJIM The wild beasts of the island	31	A solar form of the god Bilgi	188
ILINOS The Greek form of the name of the god Anu	115	Invocation to	189
ILMARINEN		IZDUBAR	
His analogy to Mulge	247	His tetrapolis analogous with Nimrod's	397
The third of the great gods of the Finns, and the god of earth and of metals	247	Meaning of his name, "Mass of Fire"	10
ILLU		Perhaps the Assyrian god of fire	10
Often confounded with Anu	114	Zodiacal character of his twelve adventures	133
The Chaldean supreme being	113	IZDUBAR and HEABANI Their con- test with the bull of Ishtar	57
ILLU-MUTABIL An early Patesi of Diru	326	JEWES Reasons for the sympathy of the Persians with the Jews	223
IMAGS of demons Talismanic use of	179	JOULU A Finnish festival	249
IMAGES of the gods Placed under the thresholds of the Babylonian palaces	47	JUOLITAR The Finnish fisherman's deity	252
IMAGES of WAX Used by the Chal- dean sorcerers	62	JUPITER	
IMI or MERNER The Accadian god of the wind	182	Herodotus states that the Persians worshipped Jupiter	225
IMMORTALITY OF THE SOUL First defended by the Egyptians	80	His analogue in Amen-Ra	78
		JUPITER, The Planet	
		Identified by the Assyrians with the god Marduk	19
		Its angel, intelligence, and spirit	26

KA DIANGIRA	An ancient name of Babylon	353
KAITOS	Finnish deities	5
KAKAMA	An Accadian word used to signify Amen at the close of the magical tablets	15
KAKRI	Finnish pastoral deities	25
KALAH SHERGAT	The modern name of the ruins of Assur	334
KALDI	Their chiefs bore Assyrian names	368
	The later name of Accad	335
KALEVALA	Abounds in spells and magical rites	44
	The great Finno-Tartarian epic	241
	Various incantations from the	760
KALMUKS	Their superstitions	12
KALLAINEN	A Finnish earth and mining deity	53
KANISURA	The god of Cutha	10
KANDOLCHOI	Their Accadian origin	361
KASDIM	The Who they were	14
KASSI	Their conquest of Chaldea	37
	Who they were	410
KEIJUDET	Winged spirits in Finnish mythology	250
KERETER	The Egyptian under world	8
KHARTUM	The Accadian con jurors	14
KHASISATRA	Called Ubaratutu	354
	The Noah of the Deluge Tablet	159
KHEPER	The name of the sun as a creator	81
KHITIM KIRKU or KHILUKKUKU	An Accadian spirit called the daughter of the ocean	140 184
KHVEN	The soul of the gods, and maker of gods and men	103
KHO ST	An Egyptian fire deity	33
KHORSABAI	Arrangement of the beds in the palace of	8
	Its seen stoned to ver	27
	Statuettes of the Assyrian gods discovered at	47
KHUSBI KUND	The wife of Namtar	140
KIEL-GELAL	The Accadian Lilit	38
KIENGI	Its relation to Sumiri	401
KIKLUR NIK	The consort of the river god Ana	183
KIG	A prayer to the sun for an invalid king	181
KIPUMAKI	The Hill of Pains in Finnish mythology	58
KIRCHER	Athanasius His list of the angels of the planets	6
KIVUTAR or KIPUTYTU	The Finnish goddess of diseases	59
KOLPIA	The Phoenician god of the wind	14
KUDURLACANAR	The Chedorlaomer of the Old Testament	120
KUFA	A kind of boat used on the Euphrates	151
KUSHITE MYTHOLOGY	Its influence in Chaldean faith	367
KUSHITES	Their connection with the Lemluns	347
	Their temporary conquest of Chaldea	370
KUSHITES and LITHIPIANS	Who they were	341
KUSHITO SEMITIC RELIGION	Its origin and triumph	318
KUL	The Finnish male god of the moon His analogy to Eniruna	249
LABARTE	The Assyrian phantom	37
LABASSI	The Assyrian spectre	37
LADAMAR	An Elamite deity	10
LADDA	An Elamite deity worshipped at his	170
LAKHMI and LAKHAMI	The primordial Chaldean deities	123
LAMAS	Like Nergal represented as a man headed lion	121
LAMMA OF LAMA	Giant A second order of Chaldean demons	4
LAURELLE	A late writer on demonology	23
LAPLA O WITCHES	Their practices analogous to those of the Chaldean sorcerers	62
LAPPONIC LANGUAGE	Its Accadian affinities	300, etc
LARSA	A seat of empire and the sacred town of Samas	17
LATO A	The analogue of Sekhet	78
LAULAJAT	A class of Finnish magicians	243
LAYARD	Discovered the library of the palace of Kuyunjik	1
LAZ	The consort of Nergal	118
LEISLATION	Of the Accadians	378
LEMAZEL	The spirit of the moon	6
LEMLU S	Their antiquity and origin	347
LEMINNAINEN	The effects of his sorcery and sorcery	45
LEMLIES	Accadian Were called	9
LEOLZON LEPLC M	His valuable version of the Kalevala	41
LEXICOGRAPHICAL TABLETS	Properly Assyrian Accadian	390
IKKABAI	An early Accadian monarch	318
	His name found on all the ancient Accadian temples	321
	The earliest of the Accadian or Chaldean monarchs	3
LILITH	A Cabalistic demon the deceiver of Adam	38
LOUHITAN	The Finnish demon of diseases	258
MAFFKU	The name of the bark of Pthah	83
MAPKA	The Egyptian name of turquoise	176
MAGI	The Adored both the good and evil principles alike	31

MAGI (<i>Continued</i>)	
Became masters of the Persian empire under Gaumata	218
Change of signification in the appellation	221
Pretended to draw down fire from heaven	238
The account of the Chaldean Magi given by Diodorus Siculus	12
Their human sacrifices	231
Their treatment of the dead	229
Their use of the divining rod	237
Their worship of the elements	225
MAGIC	
Forbidden by Mazdæism	237
Of the Ritual of the Dead examined	90
Originally no distinction between good and evil magic	72
MAGIC KNOTS Used by the Accadians to cure diseases	41
MAGICAL TABLET An early magical litany first published by Rawlinson and Norris	1
MAGICAL TABLETS At least 30,000 were in the library of Assurbanipal	9
MAGICAL FRATS Iterations at the conclusion of	46
MAGISMI	
Handed down in the rites of the Yezidis	233
Identical with the theology of the Babylonian tablets	197
MAGOPHONIA, The Origin of the festival	219
MAGYAR LANGUAGE Its Accadian affinities	300, etc
MAHAN A country near Elam abounding in copper	176
MAHO A mystical crocodile called the son of Set	97
MATHEMATICAL IDEAS of the Chaldeans	25
MAMIT The Assyrian talisman	44
MANUREMUKABABU A mystical name of Osiris	105
MANTCHOO Its Accadian analogies	295
MANTRAS Learnt by the Hindus to avert dangers	40
MANU The Chaldean god of fate	120
MARDUK	
Analogies with Sili-k-mulu-khi further examined	195
His contest with Tihamat	53
His temple at Babylon called E-saggadhu	193
His tomb in a pyramid at Babylon	132
Holds the arrows of fate	238
Often represented holding a pine cone	28
The god of the planet Jupiter	19, 118
The same as the Accadian Sili-k-mulu-khi	10
MARNA A great deity of Gaza analogous to Anu	134
MARRIAGE Accadian laws of	384
MARRIED WOMEN Allowed by the Accadians to be freeholders	384

MARS	
His analogue in Beza	75
MARS, The Planet	
Identified as the god Nergal	118
The angel, intelligence, and spirit of	26
MARTU The Chaldean god of the west, and the son of Anu	120
MARUTIK-UDU-ARHU An early Babylonian semi-Mongolic king	368
MARUTS The The Vedic gods of the wind	182
MAS "Warrior"	
An Accadian order of demons of the first rank	24
Dwelt on the heights	31
MASKIM	
A species of evil demon	8
Called in Assyrian <i>Rakits</i>	25
Charms against	17
Were seven subterraneous demons	18
MASTARS The "Twelve Masters" of the Chaldean astronomical system	119
MATRIAL PRIORITY In Accadian and Finnish legislation	385
MAT-IA-TAYARTI <i>I.e.</i> , "the land of No-return," an Assyrian name of Hades	165
MAURY, M A	
His account of the Brachikar Kalmuks	212
His account of the Furianian magicians	211
His theory of the origin of magic	70
MAZDAÏA DOCTRINE Essentially spiritualistic	222
MAZDLISM	
Early corrupted by Median magism	196
Temporarily restored by the Sassanian princes	221
MEDIAAN MATHEMATICS Compared with the Chaldean	216
MEDICINE Chaldean medicine a branch of magic	35
MELANIAN ELEMENT In Chaldea and Babylonia	346
MINNA, The	
Development of the dogma of the Memra	104
Its Chaldeo-Jewish analogies	44
MRA An androgynous lunar deity	133
MENTU The Egyptian god of war, and the solar deity of Hermonthis	97
MERCURY, The Planet	
His two phases made into two deities, Nebo and Nusku	118
The angel, intelligence, and spirit of	26
MERNER	
His part in the war of the seven evil spirits	205-7
The Accadian god of the atmosphere The analogue of the Assyrian Bin, or Vul, or Ramanu	17
The Accadian god of the winds, in after times identified with Ramanu	182

MESKEM	The name of the Egyptian metempsychosis	88	MENU ABGE	The companion of the gods in the ark of Hea	160
METEMPSYCHOSIS	The nature of the Egyptian	88	MYCERINUS	A mystical tablet discovered at Sesennou in his reign	90
MICHAEL	The angel of Mercury	26	MYLITTA	A form of Venus worshipped by the Persians	5
MICHAUX	The Caillou Michaux described	68	MYSTIC NAME OF HEA	Its awful power	4
MIDNIGHT SUN	Accadian Hymn to	178	NA	A form of Anu	124
MILTON	His belief in invisible spirits	144	NABATHEAN SORCERY	Description of the rites of	63
MINERVA	Her analogue in Neith	78	NABU NADU	Meaning of the name	370
MITHRA	Analogies between Mithra and Sikk mulu khi	195	NADAK	The mystical goose mother of Seb	104
	His analogy to Sikk mulu khi	236	NAGIFL	The intelligence of the sun	6
	Identified by Herodotus with Venus Mylitta	25	NAHASI	The Negroid races of Southern Arabia	106
	Made one of a triad with Ahura mazda and Anahita	36	NAKCH I RAJAB	Pehlevi inscription of cted	21
	Origin of Herodotus erroneous identification of Mithra with Aphrodite	34	NAMARBILI	The A work in twenty tablets	365
	Origin of the two divine Mithras	236		Composed of three distinct books on demonology	13
MITHRAIC MYSTERIES	Probably of Babylonian origin	56		The extent of the formulae contained in	12
MOBED	A Parsee priest	26	NAMARBILI OF SARGON	Its date c. 1000 B.C.	333
MODINIEL	The spirit of Mars	26	NAMES OF THE CHALDEAN GODS	A tablet at Nineveh contains the names of nearly 1000 deities	122
MONGOLIAN RACES	Seen on the bas-reliefs of Sennacherib and Assurbanipal	347	NAMES OF THE GODS	The magical importance of	4 104
MONGOL ORIGIN	Of the Haldi	363	NANTAR	His consort named Khushkurru is the servant of Allat Queen of Hades	36
MONOTHEISM	The ancient principle of the Egyptian faith	79		The Chaldean demon of the plague	36
MONSTROSITIES	Fondness of the Babylonians for	53		The favorite son of Mulge by Ninikgal	173
MOON	The The angel intelligence and spirit of	26	NANA	The wife of Anu	149
	War of the seven evil spirits against	204		Worshipped at Uruk	33
MORDVINIAN LANGUAGE	Its Accadian affinity	300 etc	NARAMSIN	The successor of Sargon I	127
MOSLEM INCANTATIONS	As practised in modern Egypt by magicians	77	NARUDI	An Accadian deity	48
MOR	A Ptolemaean nature deity sometimes called Ulmos	14	NATTI	Represented as eagle-headed men	122
MOTHER	Accadian law respecting the reproduction of a	352	NAVILLE Edouard	Publishes the myth of Horus	83
MOUMIS or MAMI	A Chaldean water deity	123	NEBO	Called the supreme intelligence of the Caillou Michaux	69
MOUNTAIN OF MULGELAL	Near the entrance of Hades	168		Made into two deities Nebo and Nishu	118
MOUNTAIN OF THE WORLD	An Accadian hymn to translated by Mr Boscajen	16	NERUCHADNEZZAR	Restored the temple of Borsippa	27
MUCHEIR	Inferences from the ruins of	35		Worshipped the goddess Tamat	113
MUL	A name of the fixed stars	151	NEGAR	The porter of Hades	168
MULGE	An Accadian deity the analogue of the Assyrian Bel	16	NEITH	The analogue of Minerva	78
	His analogy to Ilmarinen	47	NEMMA	The scaffold of torture in Hades	6
	Nature of his gloomy empire in Hades	174	NEOPLATONISTS	Their theurgical system	74
MULGELAL	Hymn to Mulgelal and other deities	17	NEPTHYS	Her analogue in Dana	78
MUMMY	The Why it was always preserved intact	85		Said by Plutarch to have been the companion of Set	83
			NER	A cycle of 100 years	366

NERGAL	
His image used to protect the enclosures of palaces	48
Represented as a man-headed lion	121
The Babylonian Mars	55
The god of the planet Mars	118
NERGALSAROSSOR Restores the sacred pyramid of Babylon	47
NILE, The	
Adored as a god under the names of Hapimoui and Bah	104
Why employed in Egyptian mythology	82
NIMROD	
Came from or out of Assur	334
His contest with Tihamat	53
His tetropolis analogous to Izdhubar's	397
Meaning of the name	338
NIN-AHHA-QUDDU An uncertain goddess	29
NIN-A-ZU	
An Accadian water deity	10
The Accadian god of Hades, and husband of Ninkigal	11
NINDAR An Accadian deity, the analogue of the Assyrian Adar	17
NINDARA	
A son of Mulge, and the deity of the midnight sun	175
Came from the copper countries of Elam	176
NIN-DAZARMA Conjunction by	139
NINEVEH Possibly the goddess Ninuah	140
NIN-GAR	
Called also Nin-si-gar	161
The pilot of the ark of Hea	160
NIN-GELAL An Accadian goddess, the analogue of the Assyrian Belt	16
NIN-GIS-ZIDA A title of the goddess Allat	140
NIN-KA-SI Another name of the goddess Nana	149
NIN-KI-GAL	
Identified with the earth itself	17
Her analogue in Louhiatar, the old lady of Pohjola	258
The sister of Ishtar, and Queen of Hades Identified with Allat	11
NIN-MUK The consort of the god Ztak	11
NIN-SI-ANA A name of the planet Venus	140
NIN-SI-GAR Another name of Nin-gar, the pilot of Hea	161
NINUAH A doubtful goddess, the daughter of Hea	140
NIRBA The Assyrian god of harvests	45
NIRGALLU The Assyrian name of the winged lions	24
NOAH His analogue in Khasisatra	159
NOGUEL The spirit of the planet Venus	26
NOIJAT	
Expelled diseases by enchantment	244
The Finnish sorcerers	243
NUAB Title of an Assyrian viceroy	325

NUBIAN NAMES in the Ritual of the Dead Used by the Egyptians for mystical purposes	106
NU-IMMUT A title of Hea	207
NU A nature god, water	82
NUSKU	
A form of the god Nebo as a phase of Mercury	118
An Accadian deity, the messenger of Mulge	17
Sent to tell Hea of the war of the seven evil spirits	207
OANNIS	
And Hea identical	157
First civilizes Chaldaea	350
His five early theophanes	203
His relationship with Hea examined	202
OIS A mystical fish-man deity	202
OIS Its supposed mystical virtues among the Buddhists	29
ONR A god so called from his number	25
ONOURIS	
The Egyptian Hercules	78
The same as Shu and Anhur	96
OPPERT, Dr	
His early translations of the magical tablets	2
His use of the term Sumerian 387, etc	
OSIRIAN, The Why the deceased was so called	89
OSIRIS	
His name not to be uttered	13
His numerous magical titles	103
Origin of the myth of Osiris and Apophis	83
The untranslatable mystical names of	105
Why called Unnefer	87
OSMANLI LANGUAGE Its Accadian affinities	300, etc
OSTIANES Writes a book upon magic	238
OSTIAC LANGUAGE Its Accadian affinities	300, etc
OTAVA The Finnish god of the constellation ursæ major	249
OURANOS and VARUNA Their analogues	134
PAIWA The solar deity of the Finns	249
PANTHEISM Of the Chaldean mythology and theology	129
PAPSUKUL The messenger of the Chaldean gods	120
PARENTAL RIGHTS Accadian laws respecting	384
PARSOUDOS The same as Perseus	337
PATESI The viceroys of the Chaldean monarchs	325
PERSEPHONE The analogy of the myths of Persephone and Ishtar	166
PERSEUS A Babylonian origin of the name	337
PERSIAN GULF Its relation to the country of the Accadians	394

PERSIAN MONARCHS	Why they sympathized with the Jews	2 3
PERSIANS		
Their iconoclastic fury		24
Their peculiar treatment of the dead		84
PERSONAL GENII	Converted by sorcery from good into evil one to the person to whom they were attached	64
PHENICIAN COSMOGONY	Examined by Ewald and Sayce	14
PHENIX MYTH	Its Egyptian origin	84
PHYLACTERIES	Je wish Their Chaldean origin	45
PHYLACTERY	An Egyptian phylactery	90
PHYSICIANS	Unknown in Chaldea	35
PHYSICIANS CHALDEAN	The Chakamim of Dan el	14
PICTET	His account of Aryan sorcery	60
PIERRET Paul	His <i>Dictionnaire d'archéologie</i> quoted	83
PIG	Sometimes the abode of the soul of a wicked man	88
PINE CONE	Its mystical significance	28
PLACEL Victor	His great work <i>Nouveaux et l'Assyrie</i> cited	8
PLAQUE	The Its special demon called Namtar	36
PLANETS	The Chaldean gods of	118
PLANETS	Seven Temples with seven walls having reference to the seven planets	2 7
PLUTARCH		
His account of the Osiris myth		83
His account of the sacrifices of the Magi		31
PLUTO	His analogy with the Accadian deity Ninazu	11
POHJOLA	The Finnic Hades or rather Hell	245
PORPHYRY		
His <i>De Alstetia</i> quoted		75
Why he was displeased with the Egyptian magicians		101
POSESSED PRINCESS	Stele of described	3 33
POUNT	The land of Southern Arabia	106
PRAMANTHA	The fire wheel of arani of the Aryans	185
PRIEST	and MACICIAN Where the two characters blended	7
PRIVATE SANCTUARIES	Accadian laws respecting	384
PROCLUS	His <i>Elements of Theology</i> cited	75
PROTO MEDIC PEOPLE	Their mythology examined	17
PSALM CXLVII	An Assyrian analogue to	19
PTAH	Originally a nature deity	8
PURGATORY	The Egyptian purgatory described	87
PYLONS	The pylons of Hades described	87

QENESCHIN	Infamous magical rites practised by the Accadians	4
RA		
Considered by the Egyptians as a prototype of man		81
His analogy to Nindara		175
His mysterious birth like that of Hea		156
The creative virtues of his seat		47
RABITS	The Assyrian name of the Maskim	5
RACE A	Five things required to constitute	379
RAGHA	An early seat of the Medicine faith	0
RAMANU	See Rimmon	
RAMANU or RIMMON	Identified with the Accadian Mermer	182
RAMSES II	Introduced the worship of Anatis into Egypt	99
RAMESES XII		
Marries a princess of Mesopotamia		3
Sends the ark of Khonsu to cure the prince Bintresht		33
RAMESSERU	The wife of Ramesses XII	3
RAPGANNEA	The Accadian spectre	37
RAPGANNENAB	The Accadian vampire	37
RAHAEL	The angel of the sun	26
RATA	The Greek name of the town of Endu	8
RAUTA REKHI	The Finnish god of iron	254
RAWLINSON Sir H		
Favours M Lenormant with advance sheets of <i>H A I IV</i>		13
His opinion as to the age of Likkabi		32
His translation of the name of Izdubar		10
His views on a hymn addressed to the bulls of Hades		170
His views on the origin of fire worship		197
Together with Edw n Norris publishes one of the first magic formulae		1
RELIGION and MAGIC	Period of their fusion in Chaldea	110
RENAN M		
His five constituents of a race examined		379
His views on the origin of the cuneiform writing		371
REPUDIATION	Accadian laws respecting	382
REPUDIATION OF A FATHER	Accadian punishment of	382
REPUDIATION OF A MOTHER	Accadian punishment of	382
RESURRECTION		
A fundamental Egyptian dogma		84
Chaldean views of		167
RIMMON or RAMANU	The Assyrian god of the atmosphere and the analogue of the Accadian Mermer	17

RIMSin	An early Babylonian monarch	127
RITUAL OF THE DEAD	Its magic examined in detail	89
ROBERTS	Oriental Illustrations quoted	39
RUSIN, The	Their awful power	218
RUSTA, The	A dwelling of Omur	87
SABAISM AND ANTHROPOMORPHISM	Their fusion in Egyptian mythology	52
SABATHUM	The spirit of Saturn	26
SABBATIC REST, The	Originated with the Accadians	123
SABU	An early King of Agade	320
SACERDOTAL SCHOOLS, The	Their theological influence	355
SACRED PROSTITUTION	Kushite origin of	376
SACHA	The Accadian name of the Mamit	11
SAG, "Officer"	Use of the term	351
SAR-NIKA	A dark race of men so called by the Accadians	103
SAIA	The consort of Bin	117
SAMARRAH	Identified with Shinar by Abul Farady	396
SANAS	His pre-eminence at Larsa The Assyrian god of the sun, and the analogue of the Accadian Udu	127 17
	Worshipped at Larsa	323
SANIHA	A Chaldean deity	120
SANIRUS	A mythical king of Babylon	396
SANCTUARIES	Accadian laws respecting	354
SARCON I.	A high state of civilization introduced by Best period of Chaldeo-Babylonian religion Date of his great astrological collection Extent of his empire Succeeded by Naramsin Unites the two races of Sumir and Accad	328 111 333 369 127 327
SARTURDA	Another form of the name of the Zu-god Ungal-turda	171
SASSANIAN PRINCE'S	Endeavoured to restore Mazdeism	221
SATURN, The Planet	Identified with the god Adar	118
Nindar, or Adar the god of the planet		17
The angel, intelligence, and spirit of		26
SAYER, Rev Prof	Gives a list of Accadian lucky and unlucky months His letter on the Creation Tablet quoted His translation of an early Accadian magical tablet compared Translates an Accadian hymn describing the weapons of Hea	7 123 3 163
SAYE, The son of the river of Amara		
SCHEIDT DE LA VIE	Charles de la Vieille	
SEARITH LUGALINA	Theardance temple	91
SECRET OF SHED ACHILAI P	sacred office	193
SEMADIM, Prof I.	He accounted the origin of the Semitic nations	112
SEN	The child of the goddess Anah	104
SEN, "G."	An Akkadian word of denotation of the first rank corresponding to the Accadian Ms	20
	A piece of bronze tablet found from Sen	24
SHAKH	The Godlike title of the gods	11
SHAFA	A Semitic name of a deity	376
SHIPET	Principal name of the goddess Ishtar	7
SHUKK	The name of the head of Khoshkar	
SHUTIK	The first person named applied to Hammurabi	312
SHUTHNATION	Semetic derived from Aramaic	311
SHUTHNATION	Predicted in Nothen Tablets	314
SI-SO-KUN	The emperor of Mesopotamia	17
SIGASH	The Accadian name of the god of harvest	15
SIMEY DETH	There was no common to the Turanian nation	232
SIRBARI	The god of Kis	123
SIRA	The consort of Amar	123
SISNOT	A name of Heliopolis	60
SIT	An Egyptian incarnation among the two phases of his cultus	95 83
SIT or SITEN	The ankle ring of Baal	53
SITI I	His sarcophagus in the Sorbonne Museum	88
SITSAL	Romance of It curious magical character	102
SIVEL-LAU SPIRITS	Their war with heaven described on the Chaldean tablets Translation of the tablet relating their war against the moon	13 201
SIVEN SPIRITS	Of the Assyrian Hades	167
SIXAGESIMAL NUMERATION	Introduced into Chaldea	366
SHAFRA	Opens the copper mines of Wady Magarah	176
SHAITAN-KURIACHI	The evil being of the Baschkir Calmucs	212
SHAMANS,	The Turanian sorcerers	213
SHOH and MADIS	Inhabited by demon Larva	37
SHISHA SERPENT	Its analogue in the serpent like sword of Hea	163
SHINAR	Called the land of Samarrak by Abul Farady	396

SHINAR (Coiled)	
Is it identical with Sumir?	395
SHU Sometimes the same as Anhur or Anons	9
SIDERAL DEITIES Their place in Accadian Magic	137
SIGĒ The primitive substance of the Universe	13
SILIK KURU Another rendering of the name of Silik mulu khi	190
SILIK MULU DUG Another rendering of the name of Silik mulu khi	19
SILIK MULL KHI	
A hymn in praise of his benevolent offices	19
And Mithra compared	195
Equated with the Assyrian Marduk	10
His analogies with Mithra	37
His counteracting influence against personal genius	64
His symbolical sceptre	190
Invoked on an early Accadian tablet	10
Pestores the dead to life	167
Rides in the ark of Hea	160
Sent by Hea to cure diseases	1
Sent by Hea to relieve the god Aku	97
SILIK RI MULU Another name of Silik mulu khi	190
SI	
An early Babylonian dynasty named after	17
His pre-eminence at Ur	17
The Assyrian moon god probably the analogue of the Accadian In zuna	17
SINAI Copper mines worked by the Egyptians at the foot of	176
SIGARA The Country of Its situation	40
SINGILLA A town of southern Chaldea	35
SIRIS The Egyptian Sothis	97
SISITHIRLS See Akhas satra	
SIVA The Hindu destroyer	115
SLAVES	
Accadian laws respecting	383
Accadian treatment of	385
SMALL FOX A Hindu goddess of	36
SMELIEL The spirit of the sun	76
SMITH George Discovers the Creation on Tablets	113
SML The punisher of the wicked a form of Set	57
SOM Accadian law respecting the repudiation of a	38
SoG OF LENMI KAIWE Its terrible effects	45
SORNIEL The intelligence of the planet Jupiter	7
SOSS A cycle of 60 years	366
SOTIIS The star Sirius invoked in an incantation	97
SOU The Its relation to the mummy a frequent subject on Egyptian papyri	85
SOURI J His views on the Syrian theology	131

SOUTH WEST WIND Why regarded as a demon by the Assyrians	5
SPHERES OF HADES Seven in number	167
SPHERES OF THE HEAVENS The Chaldean spheres described	153
SPIRITS OF THE ELEMENTS Common both to Egyptian and Accadian mythology	144
SPIRITS OF THE PLANETS Accord according to the Cabbala	6
SPIRITS OF THE STARS Invocations to	138 139
SPRENGER Jacques A medieval writer on demonology	3
SQUERIL The Place of freedom an Egyptian designation of the tomb	165
STARS The Their worship in Median magic	6
SUCCEBUS The Known to the Accadians	38
SUMER OF SUMER Its relation to Hienon	401
SUMIR How the term was employed by the Assyrians	390
SUMIR AND ACCAD Controversy between MM Lenormant and Oppert upon these terms	387
SUMIRIAN INFLUENCE In Chaldean civilization	356
SI The	
Accadian incantation to	49
Mystical names of the enemies of	105
The angel intelligence and spirit of	6
SU AND DRAGON MYTH Its Accadian or Assyrian origin	68
SUN IN TAURUS Its probable connection with the Assyrian winged bulls	56
SLOMI The old man of	48
SLO ETAR A healing goddess in Finnish mythology	76
SCRIPPAK Possibly the Ur of Genesis	397
SUSI KA An Llamite deity	170
SUTERU The analogue of Baal	83
SUVETAR A Finnish pastoral deity	5
SWORD OF HEA Its attributes described	16
SYLVESTER Pope A magician in a good sense	73
SYROPHOICIA NATIONS Their religious dualisms	117
TANTI The Finnish gods of the stars	49
TALBOT H FOX	
His translation of an Accadian magical incantation	8
His translation of the Creation Tablet given at length	1
His translation of the Descent of Istar into Hades referred to	11
His translation of the War of the Seven Evil Spirits referred to	13
TALISMANIC FIGURES Of demons employed to scare them away	50

TALISMANS	Used by the Accadian magicians	8	TIRIFI	The intelligence of Mercury	26
TANNUZ	The Chaldean Duzi, the husband of Ishtar	118	TISANU	An Accadian warlike goddess	17
TAPIO	A Finnish wood deity	251		Conjuration by	139
TASMIT	The consort of Nebo	118		Takes the throne of heaven jointly with Anu	206
TAVTHE	The analogue of the goddess Tihamtu	123	TONTTU	The house gnome of the Finns	249
	The same as Tihamat	53	TRIADS OF THE CHALDEANS	Their respective zones	153, 154
TCHAKRA OF BUDDHA	Compared with the disk of Hea	162	TRIMURTI, The Hindu	Its Chaldean analogues	115
TCHIVEN	A Tchuvache demon	213	TRINITIES	The three Chaldean trinities	117
TCHEREMISSIAN LANGUAGE	Its Accadian affinities	300, etc	TRINITY, The	Of the Chaldeans described	114
TCHOUVACHE LANGUAGE	Its Accadian affinities	300	TRITA	The Zendic analogues of the myth of	233
TEIAI	Analogous to the Assyrian Gallu	25	TUJIA INTOON	The ecstasy of the Finnish magicians	255
	Assumed the form of a bull	56	TUM	A form of the midnight sun	81
	A wicked demon	8		Invoked to repel the power of Set	95
	Cause diseases of the hand	36		Ra as the midnight sun, an analogue of Nindirî	175
	Charms against	17	TUMOURS	Carefully described by the Accadian magicians	21
	Steal into towns	31	TUONIA	The river of the country of the dead in Finnish mythology	258
TETEMHLBI	An Egyptian scribe priest	33	TUONI	The father of the Finnish goddess of diseases	259
TETRAGRAMMATON, The	Its Chaldean analogies	29	TURANIAN NATIONS	Their magic and religions examined	210
TETRAPOLIS	Of Izdhubar and Nimrod analogous	397	TURANIAN RACES	Their veneration for earth deities	177
THAVATH-OMOROCA	The same as Tihamat	53		The Turks and Hungarians compared	373
THEOCRITUS	His <i>Pharmaceutria</i> referred to	65	TURANIAN TONGUES	Prevailed in Southern Chaldea	334
THEOGONY OF THE CHALDEANS	Damascius's account of, again cited	202	TURANIANS	Invented the cuneiform writing	371
THEOPHANIES OF OANNES	Five, between the creation and the deluge	203	TURKS	Really a great race	372
THEOSOPHISTS, the Chaldean	Were the Asaphim of Daniel	14		Their belief of and reverence to geni and spirits	144
THEURGICAL SYSTEM	Of the Neoplatonists	74	TUR-TANU or TUR-DAN	Meaning of the name	354
THIAN	An early Chinese heaven deity	154	TYLOR, E B	His <i>Primitive Culture</i> referred to	59
THOUERIS	The devourer of souls	86	TYPHON	The analogue of Sutekh	83
THOTH	Evils which follow the theft of his magic book	102	U-BARA-TUTU	A possible name of Khasisatra	354
	Reveals the mystical formulæ to deceased souls	94	UDU	An Accadian deity, possibly the analogue of the Assyrian Samas	17
	The author of the Hermetic books	96	UJGUR LANGUAGE	Its Accadian affinities	300
THOTHMES II and III	Reopen the copper mines of Wady Magarah	176	UKKO	An invocation to	262
THRAETONA	Conquers the serpent Dahaka	233		His analogy to Hea	247
TIAMAT or TIHAMAT	The goddess of the primordial sea	113		The chief of the gods of the Finns, the god of heaven	246
TIETAJAT	A class of Finnish magicians	243	ULANOS	A Phœnician cosmic deity	124
	Expelled diseases by enchantment	244	UL-GANA	A lower zone in the heavens	153
TIHAMAT	The goddess of the primordial sea	53	ULOM	Another name of the deity Eschmun	134
TIN-TIR	An Accadian town	325	UL-SARA	A name of the god Serakh	171
	Probably a name of the city of Babylon	193			

UM URUK	A title of the goddess Belit	116
UNDERWORLD	The mythology of the underworld examined	177
UNGALABA	The Accadian king of the ave	184
UNGALABDA	The Accadian king of the sea	184
UNGALARIADA	The Accadian king of the river	184
UNGALTURDA	A mystical deity of Hades	171
	His metamorphosis into the Zubeir	171
UNLUK	Mothis Accadian reference to	7
UNEFER	A title of Ormus as the Good Being	87
UR	Policy of the dynasty of	17
	Possibly the same as Surippak	397
	The most Turanian of all the ancient Chaldean cities	339
URUGA	Title of the god Bilg	16
URUKU	An evil demon	3
	Many species of	10
URUSUKHAR	Title of the god Bilg	186
USUR	The Respected as human beings	11
USU	A Chaldean deity	10
UTU	His analogy to Paia the Finnish god of the sun	49
UTUG	A general term for all demons	4
	Caused seas of the forehead	36
	Inhabited the deserts	31
UUA	The name of the bark of the sun	83
VAMPIRES	Accadian demons of a like nature to	9
VANAHNAN V	Builds a palace to the seven planets	7
VANUNA	Indefinite character	131
VAYU	The Vedic god of the wind	18
VEDAS	Th Atharva and Rig Veda compared with the Chaldean	319
	The gods of the Vedas compared with the Syrian deities	131
VEDIC WRITERS	Their opposition to the early Aryans	77
VENUS	Called Ninisina	140
	The angel intelligence and spirit of	6
VENUS AND ACONIS	Probably an Egyptian myth	84
VENUS URANIA	The same as Venus Mylitta	5
VIRGIL	The charm in his VIIIth Eclogue referred to	65
VISHNU	The Hindu preserve	115
VOGUE	Compte de His views on Syro-Palestinian theology	18
VOGUL LANGUAGE	Its Accadian affinities	300 etc.
VOLCANOES	Near the river Chaboras	10

VOWELS	Of the Accadian and Altaic languages	71
WADY MAGARAH	The copper and turquoise mines of	176
WALAMONEN	Creative virtues of his secret	47
	His analogy to Hea	47
	His wound cured by the goddess Helka	61
	The second of the gods of the	
	First the god of water and of the atmosphere	46
	Wounded by the axe of Pohja	48
WARKA	Nature of the civilisation of	38
WATCHDOG	An Egyptian incantation to give violence to	99
WATER FIGURES	Used for evil purposes by the Accadian magicians	5
WEEK	The Originated with the Accadians	14
WEIGHING OF SOULS	Took place in the Egyptian Hades	86
WEST HISI	One of the servants of the evil giant Hisi	57
WEST THE	The Egyptians believed all good to proceed from	51
WIERUS OF PISCICARUS	A medical water on witchcraft	3
WIFE	Accadian laws respecting the	38
	epudation of a	
WITCHCRAFT	Medieval interests upon	3
WIZARD OR SORCERER	An incantation against	61
WIZARDS AND WITCHES	Their influence in Chaldea	59
WOLF	The blood of a wolf used in the sacrificial rites of the Mar	31
WOUNDING A SLAVE	Accadian law respecting	383
WUOR VAKI	The Finnish genus of the rocks and mines	53
VERGES	Cruel sacrifice by his wife Amestas	31
WISITHURS	His ark rested on the Gordian Mountains	36
WISUTHURS	The great analogue of Khasisat	159
YACNA XXXVI	A citation from	3
YAKUT LANGUAGE	Its Accadian affinities	300
YATUN	The religion of the elements of Zoroaster	19
YAZATAS	The Accadian analogues	61
YEZIDS	Their rites derived from Magism	33
ZACHALIOS	An ancient incantation upon magical gems	176
ZAGARIEL	The spirit of the planet Jupiter	6
ZAOVRIEL	The angel of the planet Jupiter	6
ZAL IAT QARQADI	The Assyrian name of the black races	193

ZAPRIEL	The angel of Saturn	26
ZARPANIT	The consort of Marduk	115
ZARVANA-ARARANA	The common origin of both Ahuramazda and Angromainyus	229
ZARVANIANS, The	Their peculiar heresy	229
ZENDAVESTA	Changes in its theological ideas	221
-	The worship of the stars referred to in it, an interpolation	226
Zi	A common title of the Chaldean deities, considered as spirits	148
	The origin of the myth of	143
ZIANA	A title of Ana	149
ZIGARA	The same as Sigē, and the goddess of heaven	123

ZIGGURRAT	Of Khorsabad described	227
ZIIM	The wild beasts of the desert	31
ZIKJA	A title of Hea	149
ZIKU	The same as the Egyptian Nii	140
ZONES OF THE DIETIES	Their situation	151
ZOROASTRIAN	His system of dualisms	145
	Probably influenced by Babylonian mythology	196
ZTAK	Supposed to be the god of the river Tigris	11, 17
Zu (bird)	A metamorphosis of the god Ungal-turda	17
ZIMMIAN LANGUAGE	Its Accadian affinities	300 etc



